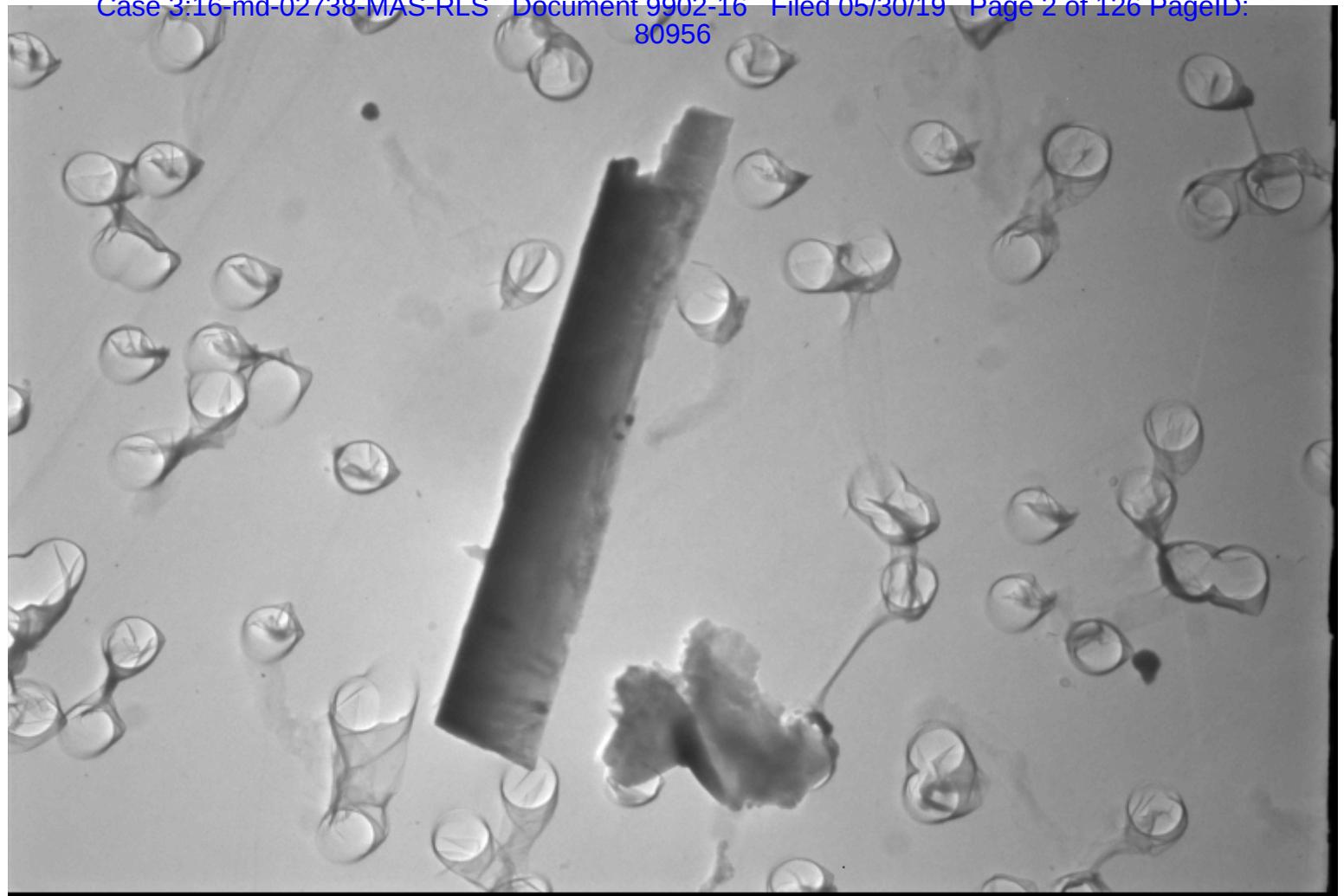


Exhibit 67-Q



311036

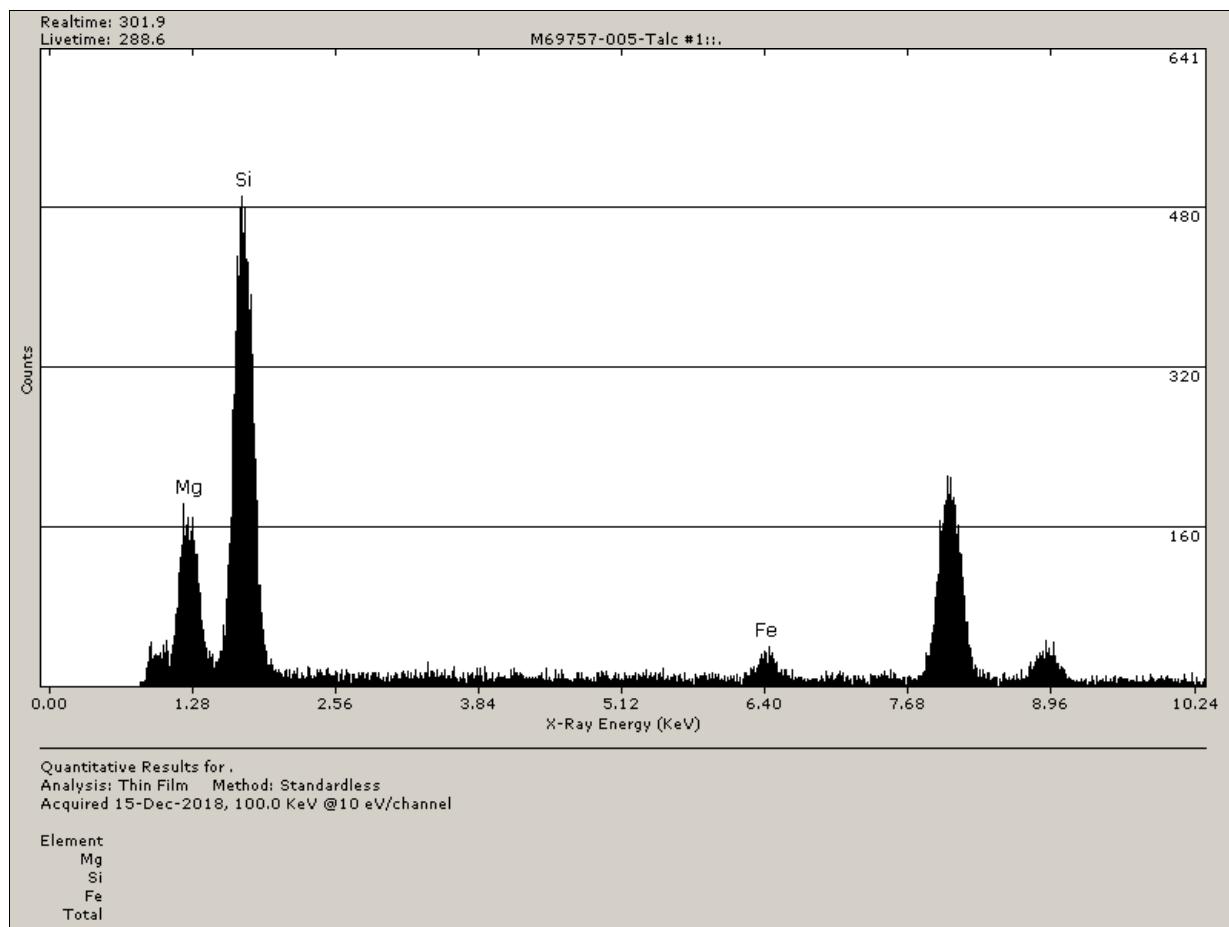
MB9757-005-006 Anthophyllite (4.82 μm x 0.76 μm)

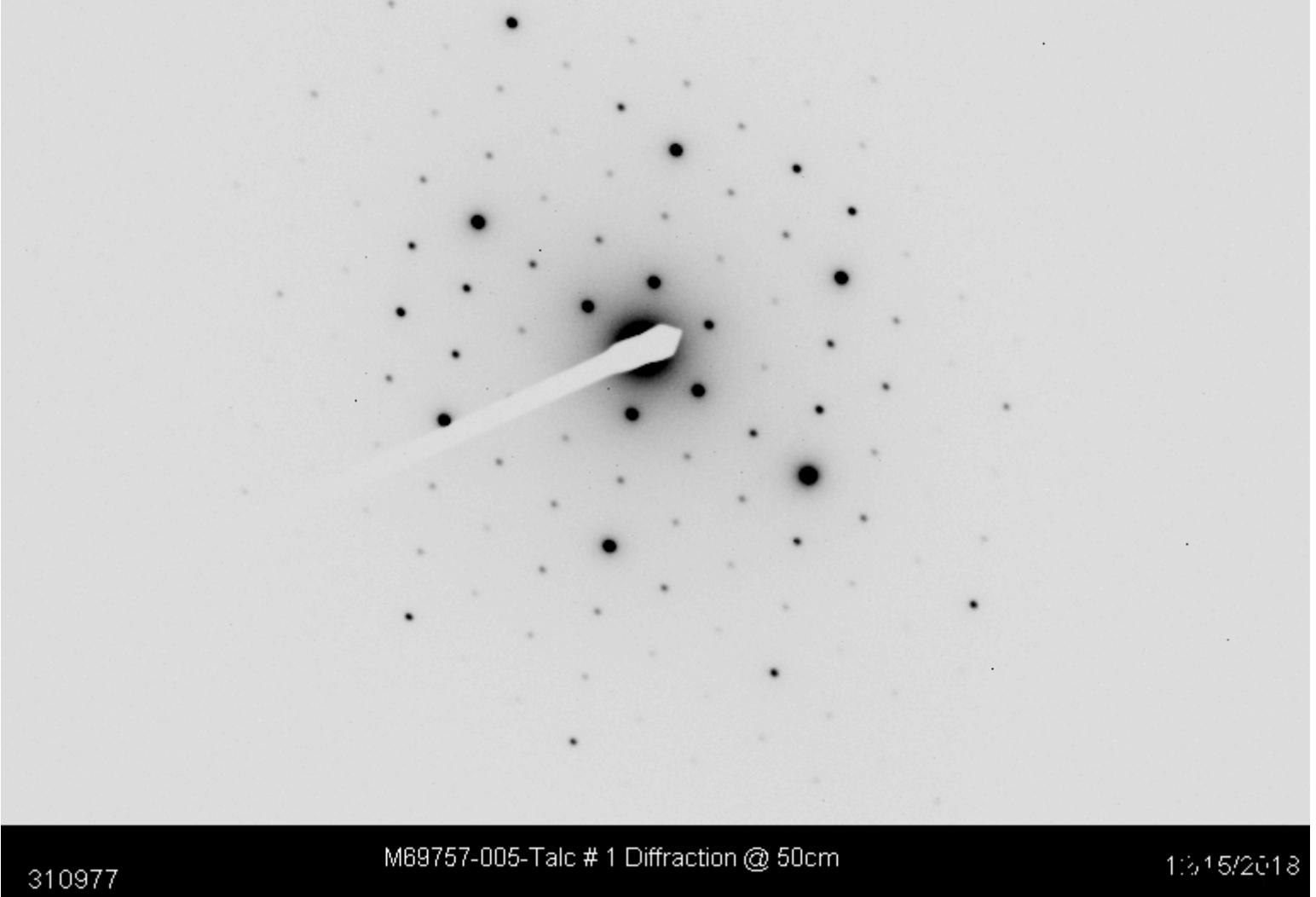
12/16/2018

TEM Bulk Talc Structure Count Sheet

Project/ Sample No.	M69757-005		Grid Box #	8644	No. of Grids Counted	2
Analyst:	Jayme Callan			Length	Width	G.O. Area
Date of Analysis	12/15/2018 - 12/16/2018		G. O. in microns =	105	105	105
Initial Weight(g)	0.04041			105	105	105
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	15%	G.O.s Counted	100
3	Screen Magnification	20 KX	Area Examined mm²			1.103

Str. #	Grid Opening	Str./Asb. Type	Length	Width	Ratio	SAED	EDS
Talc #1	D8-A4	Fibrous Talc	9.6	0.74	13.0	Fibrous talc observed	
						Trace through out	

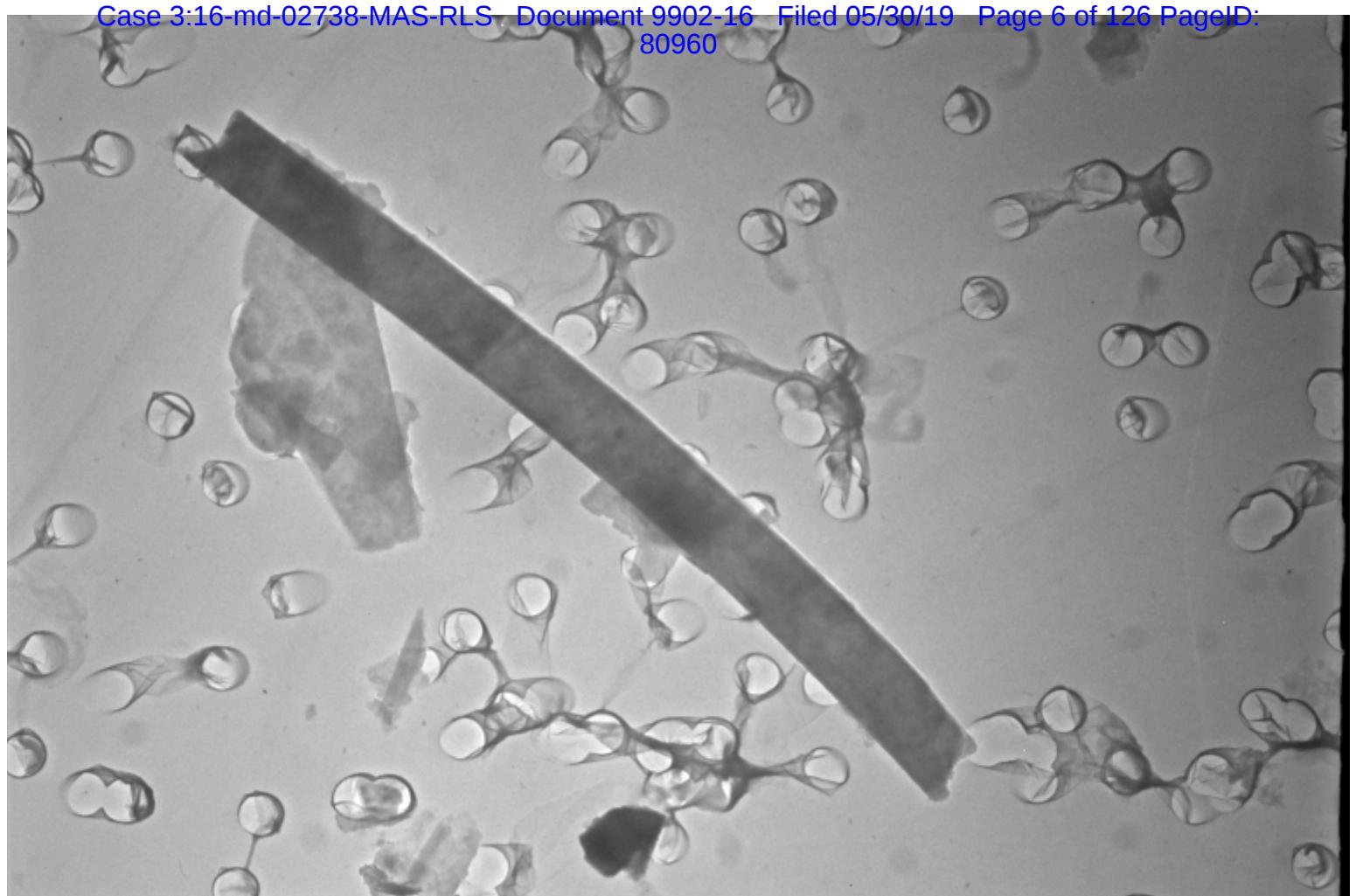




310977

M69757-005-Talc # 1 Diffraction @ 50cm

1/3/2018



310978

M69757-005-Talc # 1 (9.60 μm x 0.74 μm)

12/15/2018

Section 4

MAS, LLC
PLM ANALYSIS

Proj#-Spl# M69757 - 007ISO Analyst Paul Hess Date 12/13/2018
ClientName Beasley, Allen, Crow, Methvin, Portis & Miles ClientSpl 20180358-01A
Location _____
Type_Mat Talc
Gross Off-white powder % of Sample 100
Visual _____

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	straight		
Pleochroism	none		
Refract Index	1.629/1.615		
Sign^	positive		
Extinction	oblique		
Birefringence	moderate		
Melt	no		
Fiber Name	Actinolite/Tremolite		

ASBESTOS MINERALS

EST. VOL. %

Chrysotile.....
Amosite.....
Crocidolite.....
Tremolite/Actinolite..... < 0.1
Anthophyllite.....

OTHER FIBROUS COMPONENTS

Talc -B/Y DS in 1.55 ***

NON FIBROUS COMPONENTS

Opaques X
Talc X
Mineral grains X

Binder Description _____

Comments Actinolite/Tremolite asbestos observed. Moderate amount of fibrous Talc observed.
X=Materials Detected.

The method detection limit is 1% unless otherwise stated.

**MAS, LLC
PLM ANALYSIS**

Proj#-Spl# M69757 - 007BL **Analyst** Paul Hess **Date** 12/14/2018
ClientName Beasley, Allen, Crow, Methvin, Portis & Miles **ClientSpl** 20180358-01A
Location
Type_Mat Talc
Gross White debris on slide **% of Sample** 100
Visual

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	straight	straight	
Pleochroism	none	none	
Refract Index	1.629/1.616	1.625/1.612	
Sign^	positive	positive	
Extinction	oblique	parallel	
Birefringence	medium	medium	
Melt	no	no	
Fiber Name	Actinolite/Tremolite	Anthophyllite	

ASBESTOS MINERALS

EST. VOL. %

Chrysotile.....	
Amosite.....	
Crocidolite.....	
Tremolite/Actinolite.....	< 0.1
Anthophyllite.....	< 0.1

OTHER FIBROUS COMPONENTS

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

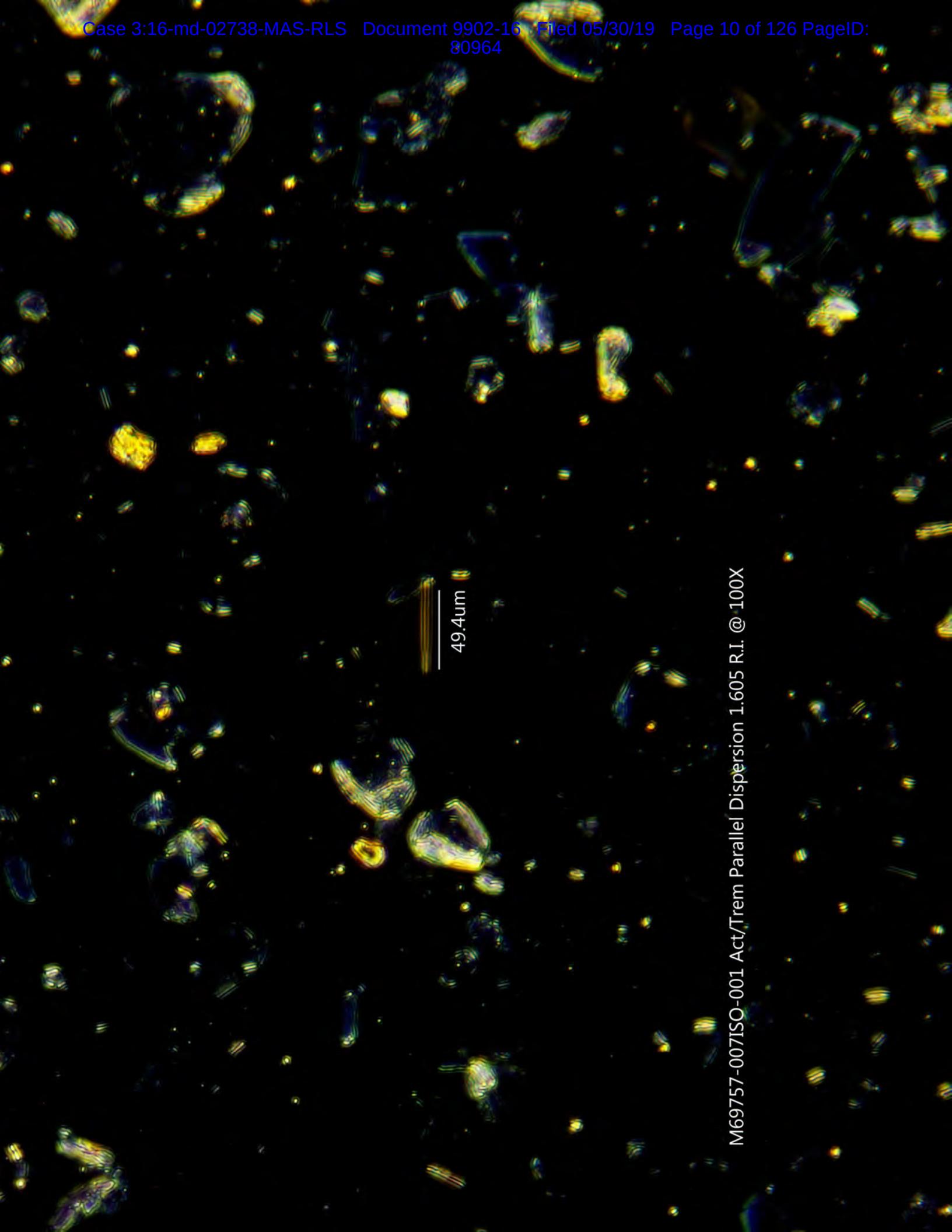
NON FIBROUS COMPONENTS

Opaques	X
Talc	X
Mineral grains	X
_____	_____
_____	_____

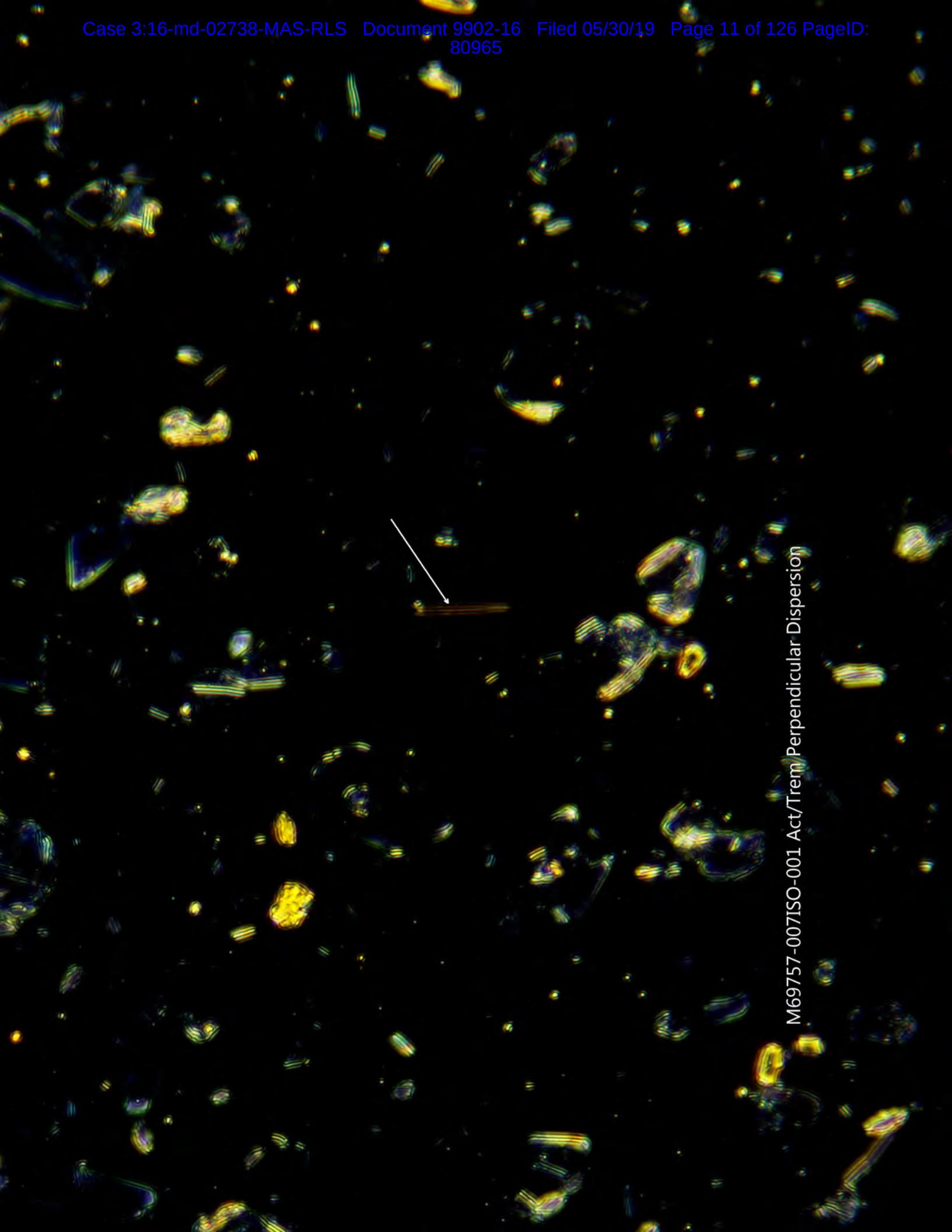
Binder Description _____

Comments Actinolite/Tremolite and Anthophyllite asbestos observed. *** Trace amount of fibrous Talc observed. X = Materials detected.

The method detection limit is 1% unless otherwise stated.



M69757-007ISO-001 Act/Trem Parallel Dispersion 1.605 R.I. @ 100X



M69757-007ISO-001 Act/Trem Perpendicular Dispersion

M69757-007ISO-001 Act/Trem Elongation @ 200X

M69757-007ISO-001 Act/Trem Crossed Polars

A photomicrograph showing a dark, granular material under crossed polarizers. A prominent, elongated, light-colored crystal or inclusion is visible in the center, oriented diagonally. A white arrow points towards this central feature. The surrounding material consists of numerous smaller, irregularly shaped, and brightly reflective crystalline grains.

M69757-007BL-001 Act/Trem Parallel Dispersion 1.605 R.I. @ 100X

78.4um

M69757-007BL-001 Act/Trem Perpendicular Dispersion



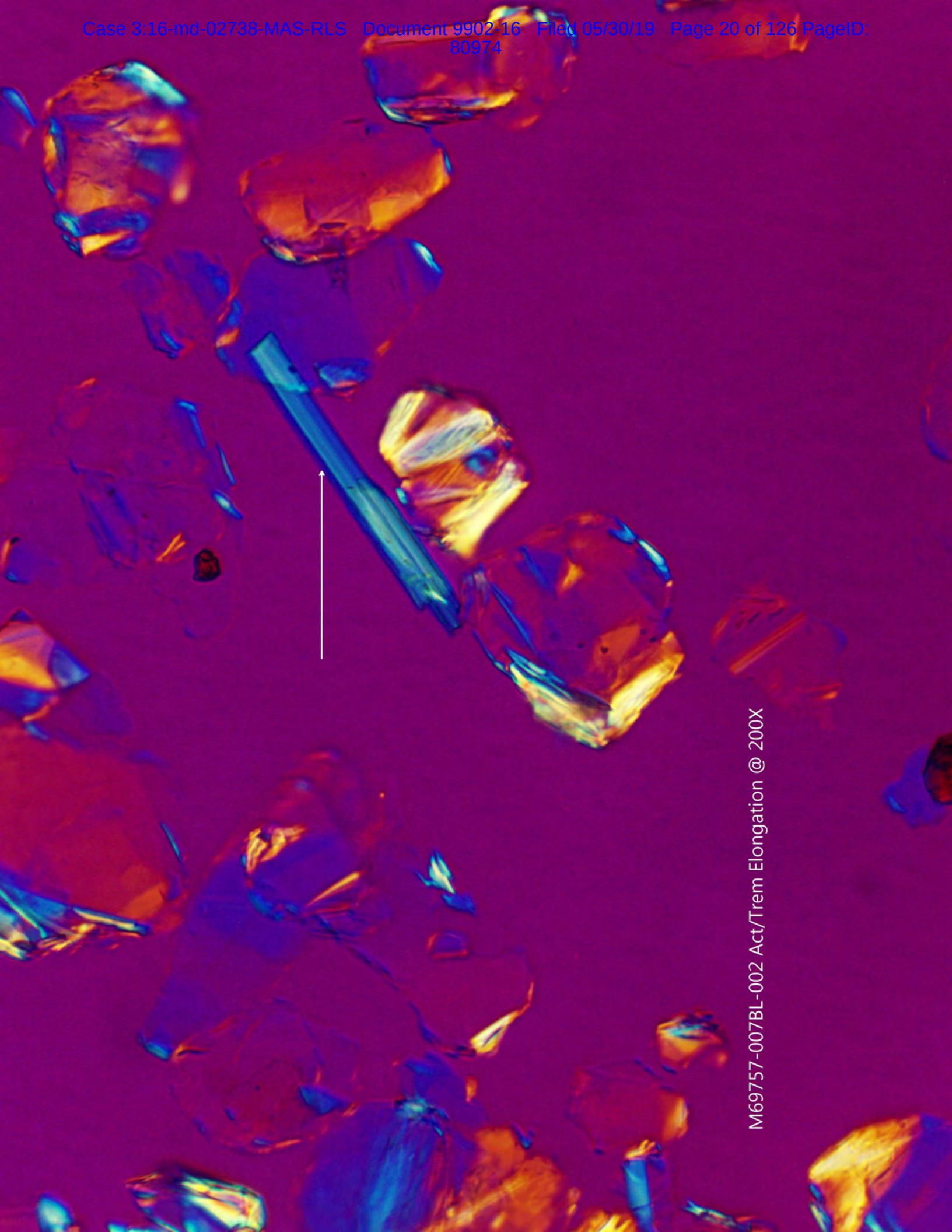
M69757-007BL-001 Act/Trem Elongation @ 200X

M69757-007BL-001 Act/Trem Crossed Polars

87.7um

M69757-007BL-002 Act/Trem Parallel Dispersion 1.605 R.I. @ 100X

M69757-007BL-002 Act/Trem Perpendicular Dispersion



M69757-007BL-002 Act/Trem Elongation @ 200X



M69757-007BL-002 Act/Trem Crossed Polars

TEM Bulk Talc Structure Count Sheet					
Project/ Sample No.	M69757-007	Grid Box #	8644	No. of Grids Counted	2
Analyst:	Jose Carrillo		Length	Width	G. O. Area
Date of Analysis	12/15/2018-12/17/18	G. O. in microns =	105	105	11025
Initial Weight(g)	0.04202		105	105	11025
Analysis Type	Post Separation Talc Analysis	Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted
1	Screen Magnification	20 KX	Area Examined mm ²		
			1.103		

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	E6-J1							
NSD	J2							
NSD	J3							
NSD	J4							
NSD	J5							
NSD	J6							
NSD	J7							
1	J8	Bundle	Anthophyllite	5.6	1.1	5.1	X	X
NSD	J9							
NSD	J10							
NSD	I1							
NSD	I2							
NSD	I3							
NSD	I4							
NSD	I5							
NSD	I6							
NSD	I7							
2	I8	Bundle	Anthophyllite	4.6	0.64	7.2	X	X
NSD	I9							
NSD	I10							
NSD	H1							
NSD	H2							
NSD	H3							
NSD	H4							
NSD	H5							
NSD	H6							
NSD	H7							
NSD	H8							
NSD	H9							
NSD	H10							
NSD	E1							
NSD	E2							
NSD	E3							
3	E4	Fiber	Anthophyllite	9.9	0.36	27.5	X	X
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
4	E10	Bundle	Anthophyllite	10.9	0.35	31.1	X	X
5		Bundle	Anthophyllite	11.7	1.4	8.4	X	X
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							

TEM Bulk Talc Structure Count Sheet					
Project/ Sample No.	M69757-007	Grid Box #	8644	No. of Grids Counted	2
Analyst:	Jose Carrillo		Length	Width	G. O. Area
Date of Analysis	12/15/2018-12/17/18	G. O. in microns =	105	105	11025
Initial Weight(g)	0.04202		105	105	11025
Analysis Type	Post Separation Talc Analysis	Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted
1	Screen Magnification	20 KX	Area Examined mm ²		
			1.103		

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	D10							
NSD	E7-J1							
NSD	J2							
NSD	J3							
NSD	J4							
NSD	J5							
NSD	J6							
NSD	J7							
NSD	J8							
NSD	J9							
NSD	J10							
NSD	I1							
NSD	I2							
NSD	I3							
NSD	I4							
NSD	I5							
NSD	I6							
NSD	I7							
NSD	I8							
NSD	I9							
NSD	I10							
NSD	H1							
NSD	H2							
NSD	H3							
NSD	H4							
NSD	H5							
NSD	H6							
NSD	H7							
NSD	H8							
NSD	H9							
6	H10	Bundle	Tremolite	11.6	1.1	10.5	X	X
NSD	F1							
NSD	F2							
NSD	F3							
NSD	F4							
NSD	F5							
NSD	F6							
NSD	F7							
NSD	F8							
NSD	F9							
NSD	F10							
7	E1	Bundle	Anthophyllite	11.8	1.6	7.4	X	X
8		Bundle	Anthophyllite	8	1.3	6.2	X	X
NSD	E2							
NSD	E3							
NSD	E4							
9	E5	Bundle	Anthophyllite	49.4	2.1	23.5	X	X
NSD	E6							
NSD	E7							
NSD	E8							

TEM Bulk Talc Structure Count Sheet					
Project/ Sample No.	M69757-007	Grid Box #	8644	No. of Grids Counted	2
Analyst:	Jose Carrillo		Length	Width	G. O. Area
Date of Analysis	12/15/2018-12/17/18	G. O. in microns =	105	105	11025
Initial Weight(g)	0.04202		105	105	11025
Analysis Type	Post Separation Talc Analysis	Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	G.O.s Counted	100
1	Screen Magnification	20 KX	Area Examined mm ²		
			1.103		

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	E9							
NSD	E10							

Org. Sample Wt.
Post HL Separation

0.04202	0.04202	g
Percent of Orig. Post Separation	100	(%)

Wt. Of Sample Analyzed	0.00023037	g
Filter size	201.1	mm ²
Number of Structures Counted	9	Str.
Structures per Gram of Sample	3.91E+04	Str./g

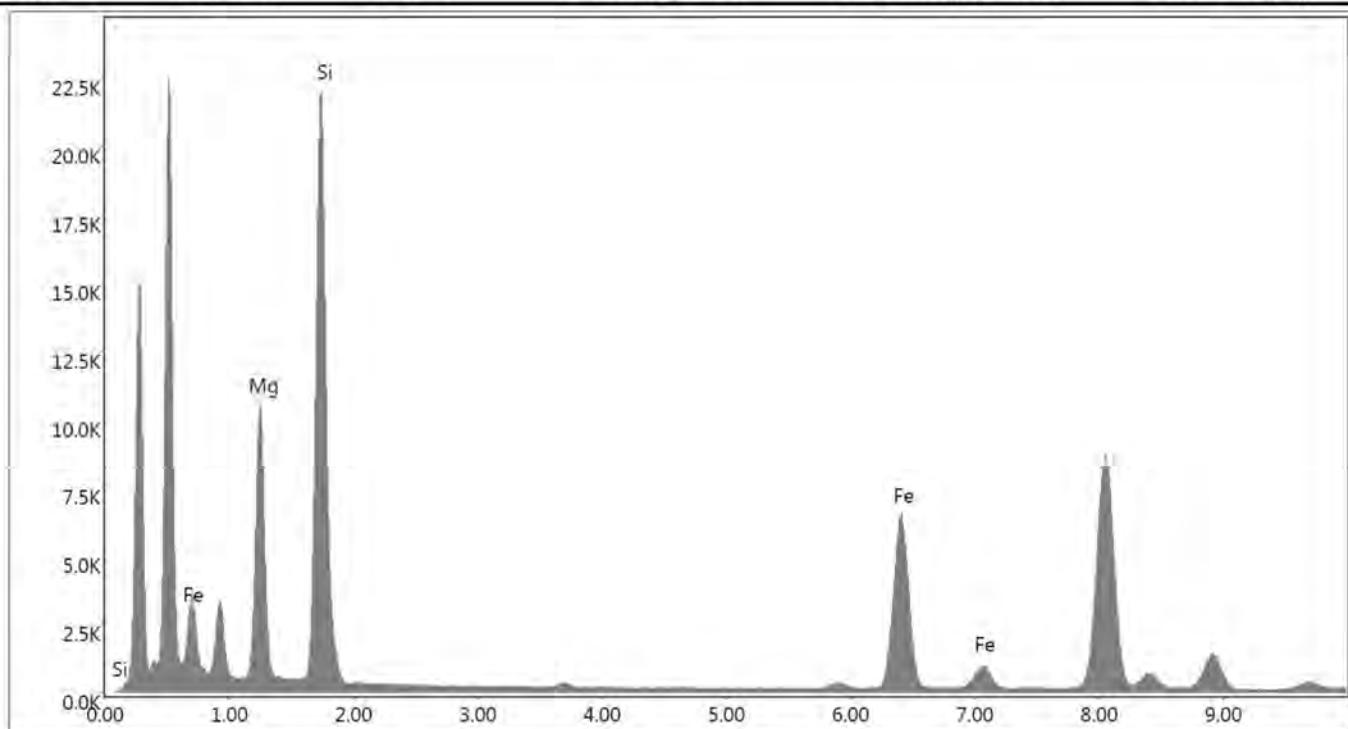
Detection Limit	4.34E+03	Str./g
Analytical Sensitivity	4.34E+03	Str./g

Analysis

Author: lab
Creation: 12/15/2018 7:13:00 PM
Sample Name: Talc

M69757-007-001 Anthophyllite

kV: 100 Mag: 10000 Takeoff: 1 Live Time(s): 300 Amp Time(μs): 3.84 Resolution:(eV) 131.8

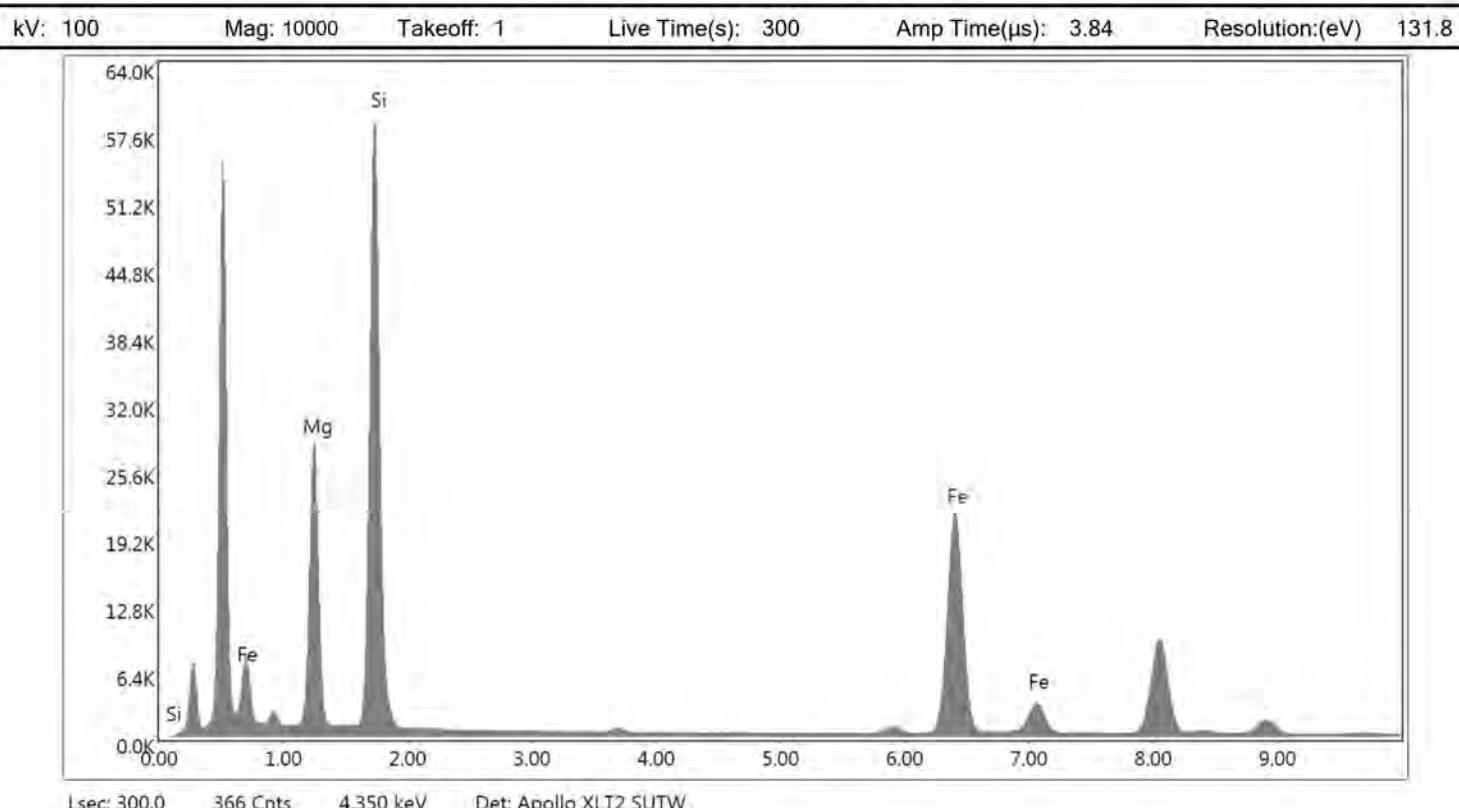


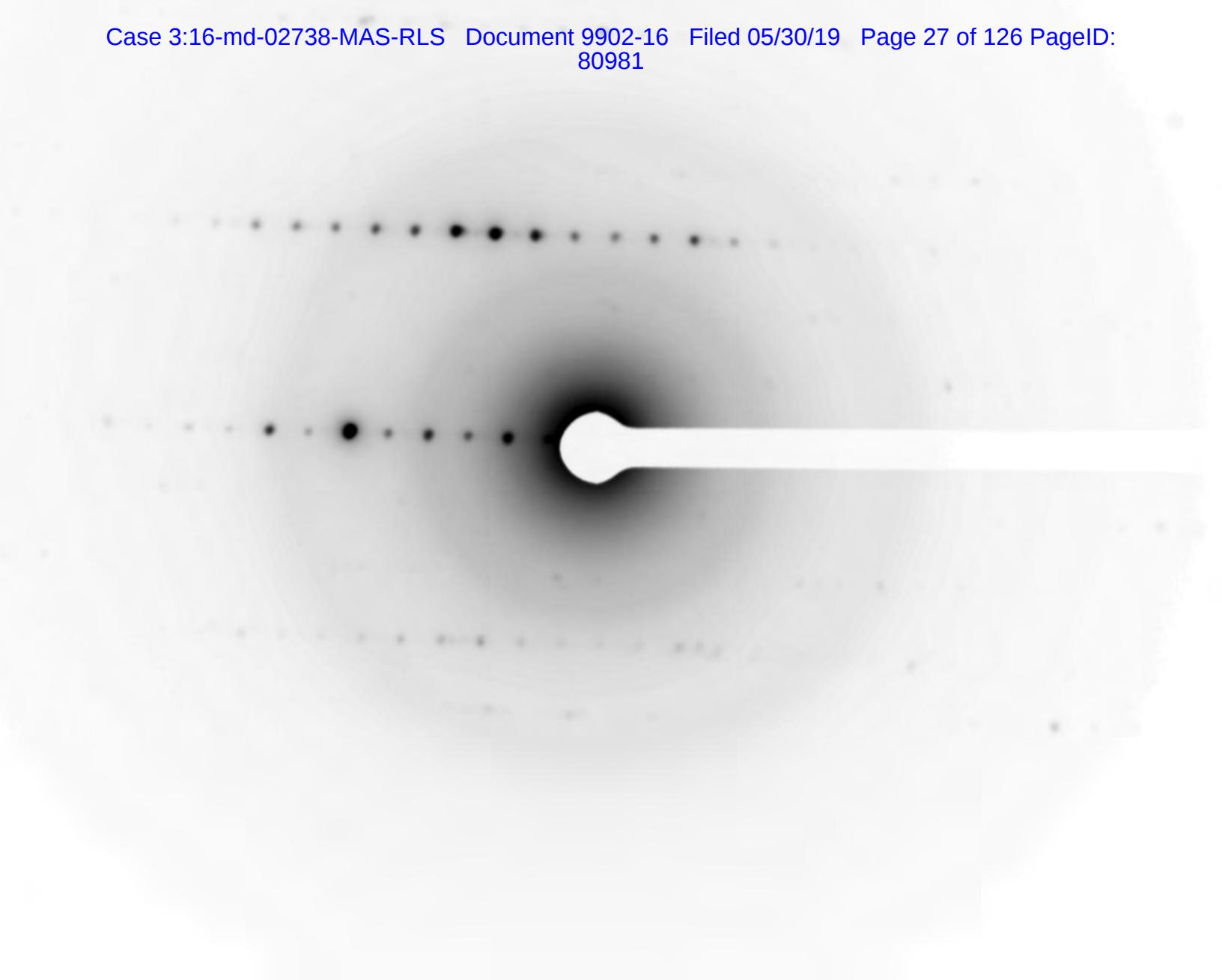
Lsec: 300.0 203 Cnts 4.350 keV Det: Apollo XLT2 SUTW

Analysis

Author: lab
Creation: 12/16/2018 9:42:24 AM
Sample Name: Talc

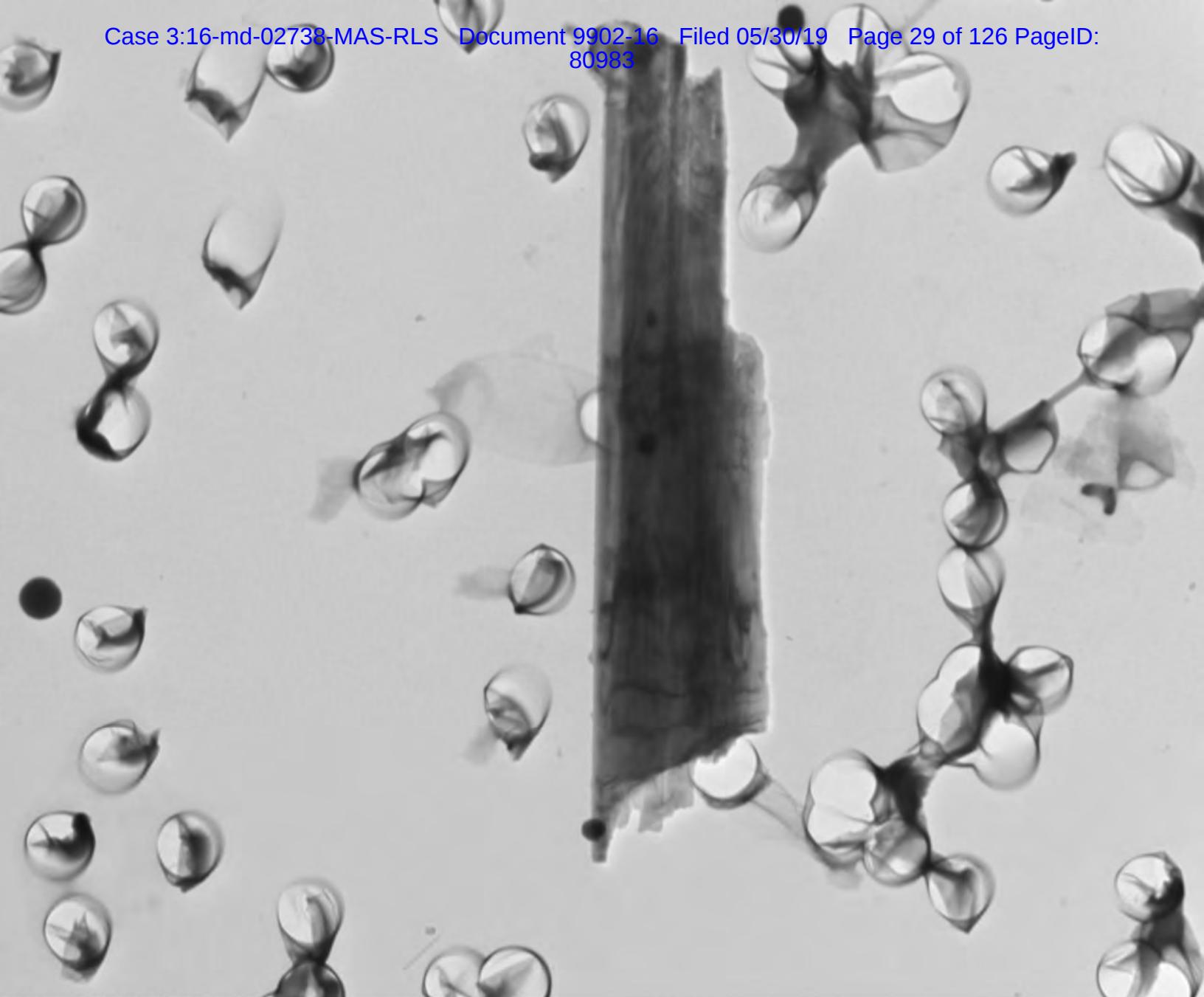
M69757-007-001 Anthophyllite 2





M69757-007-001 Anthophyllite Diffraction.tif
Diffraction @ 50cm
19:04 12/15/2018

M69757-007-001 Anthophyllite Diffraction 2.tif
Diffraction @ 50cm
19:15 12/15/2018



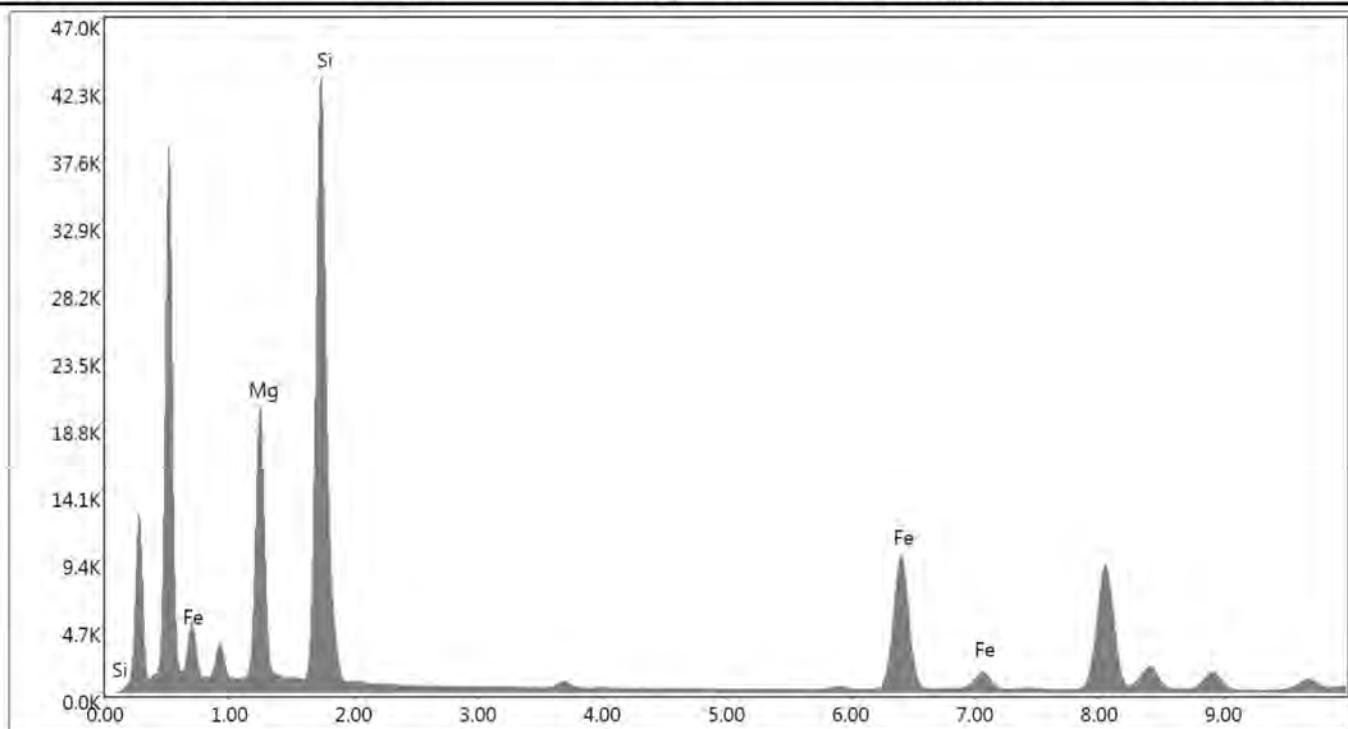
M69757-007-001 Anthophyllite Image.tif
(5.6um x 1.1um)
19:18 12/15/2018

Analysis

Author: lab
Creation: 12/16/2018 10:21:09 AM
Sample Name: Talc

M69757-007-002 Anthophyllite

kV: 100 Mag: 10000 Takeoff: 1 Live Time(s): 300 Amp Time(μs): 3.84 Resolution:(eV) 131.8



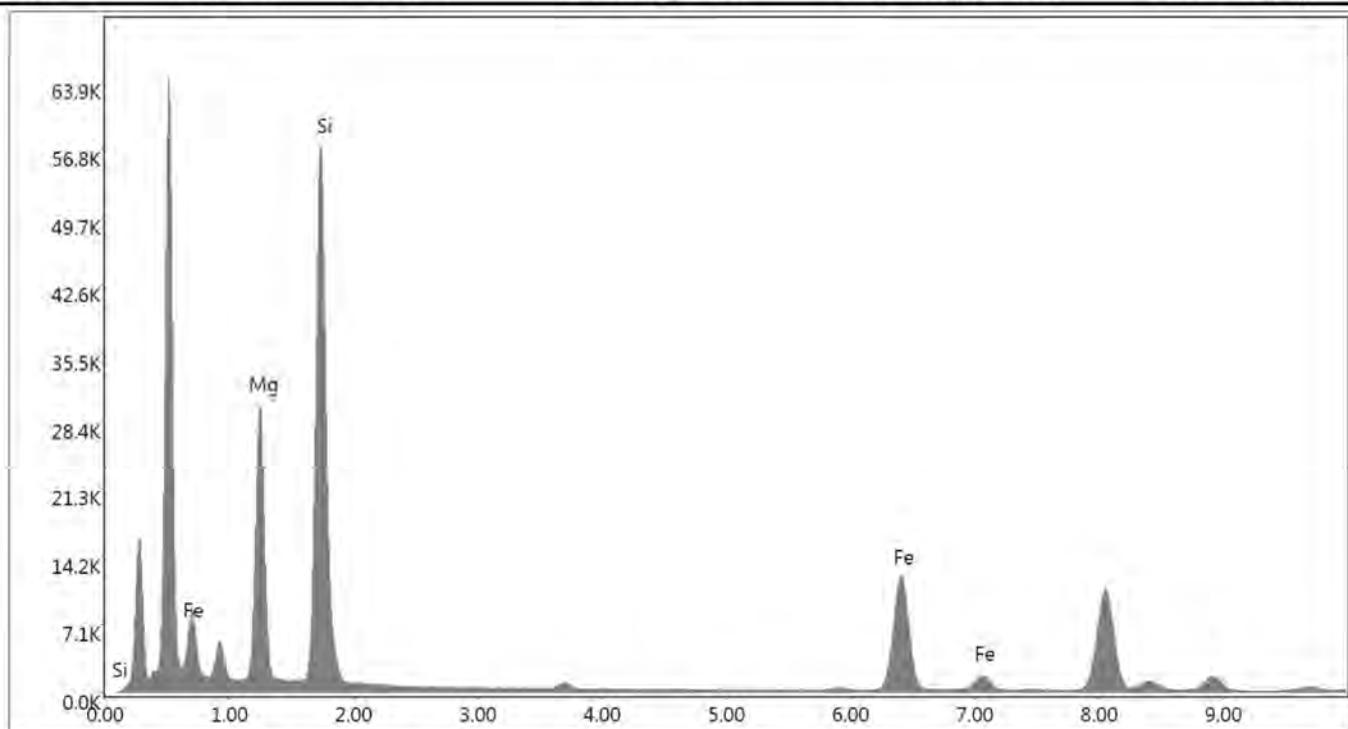
Lsec: 300.0 272 Cnts 4.350 keV Det: Apollo XLT2 SUTW

Analysis

Author: lab
Creation: 12/16/2018 10:33:56 AM
Sample Name: Talc

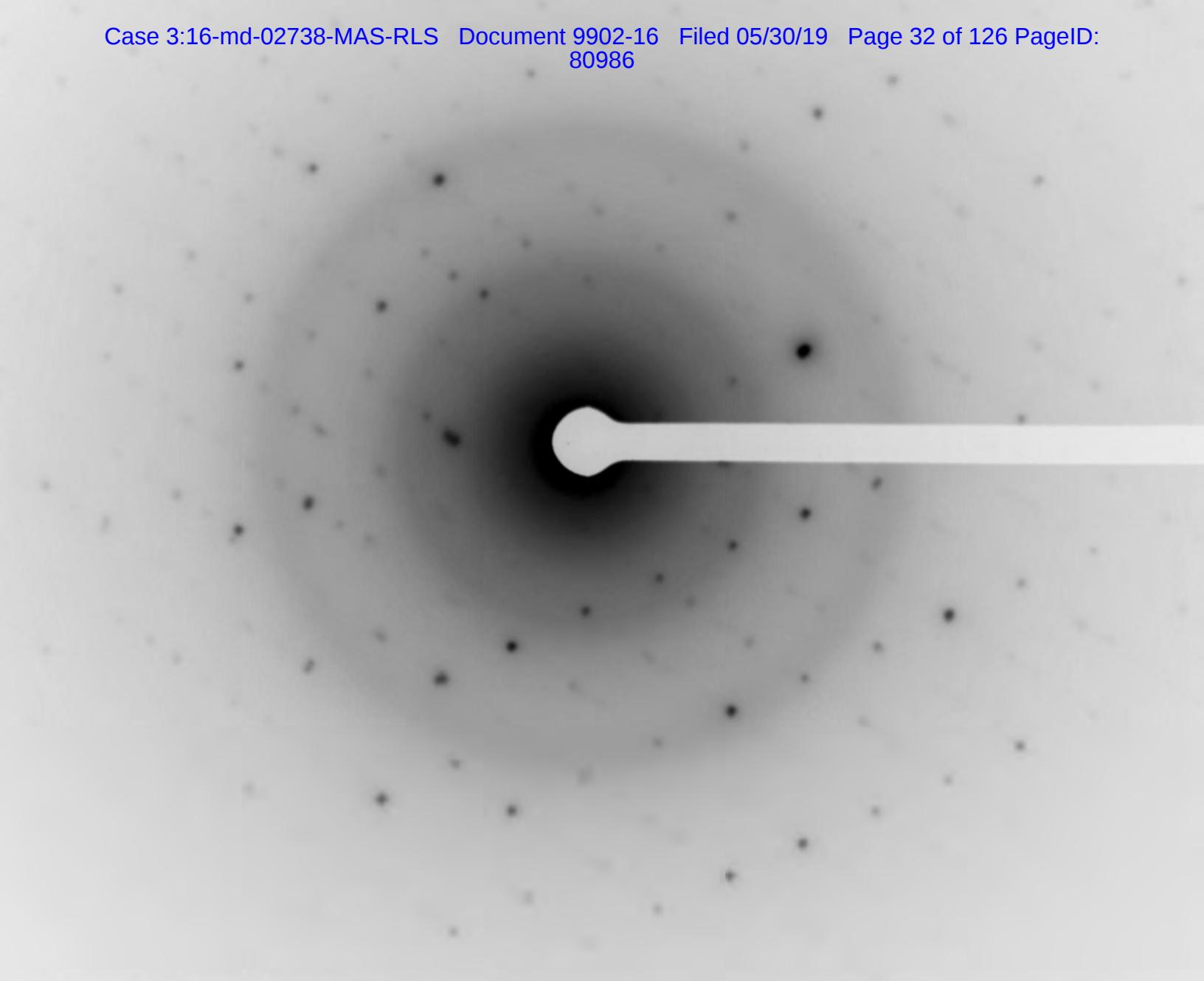
M69757-007-002 Anthophyllite 2

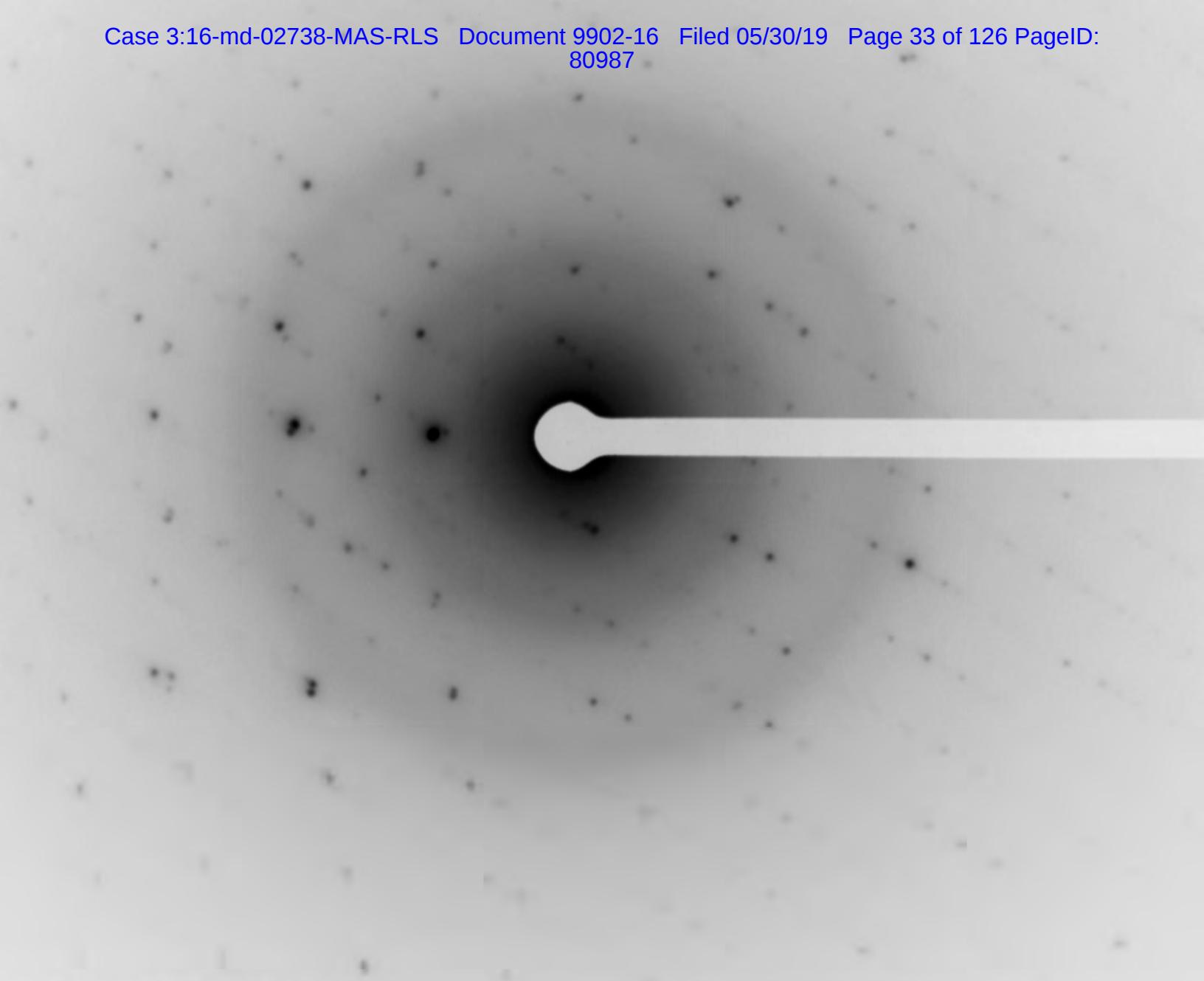
kV: 100 Mag: 10000 Takeoff: 1 Live Time(s): 300 Amp Time(μs): 3.84 Resolution:(eV) 131.8



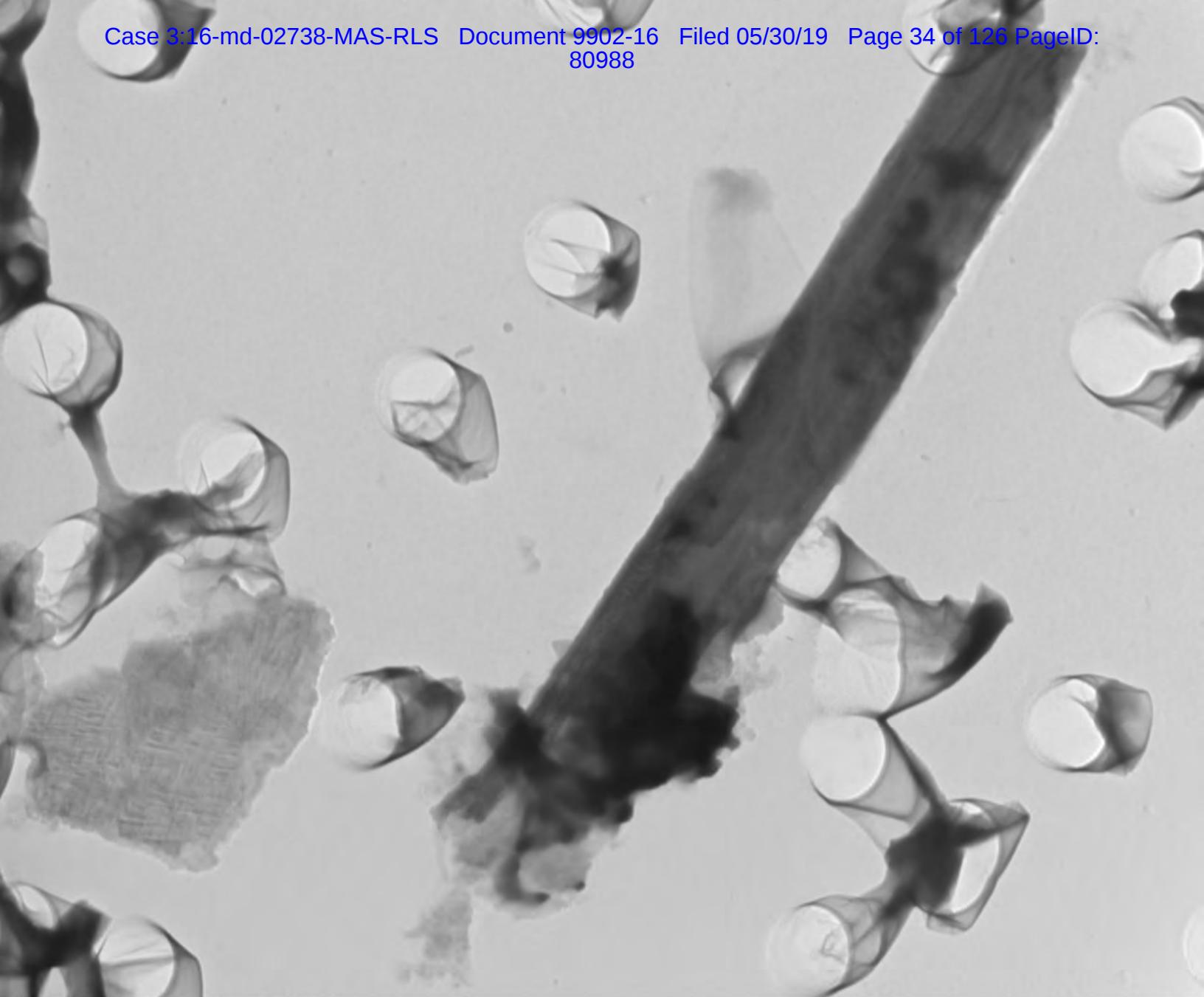
Lsec: 300.0 319 Cnts 4.350 keV Det: Apollo XLT2 SUTW

M69757-007-002 Anthophyllite Diffraction.tif
Diffraction @ 50cm
10:12 12/16/2018





M69757-007-002 Anthophyllite Diffraction 2.tif
Diffraction @ 50cm
10:22 12/16/2018



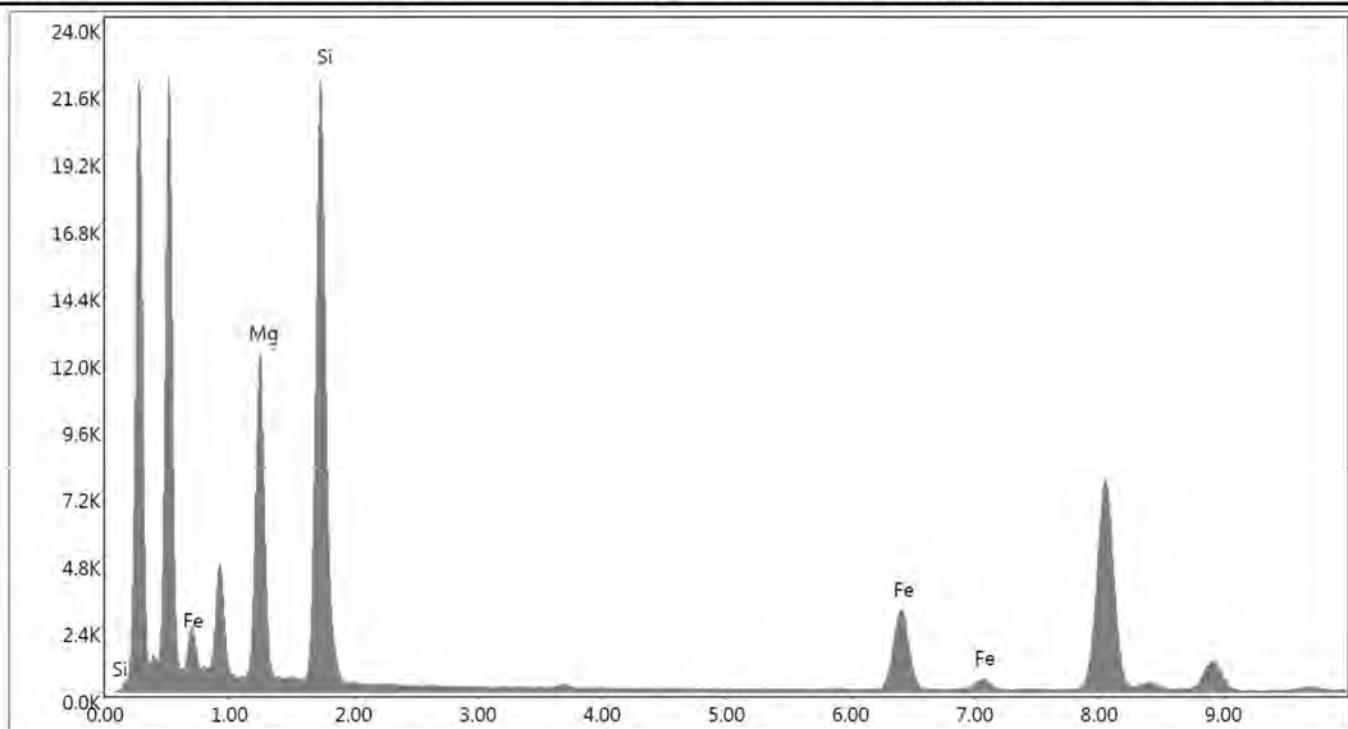
M69757-007-002 Anthophyllite Image.tif
(4.6um x 0.64um)
10:34 12/16/2018

Analysis

Author: lab
Creation: 12/16/2018 11:41:37 AM
Sample Name: Talc

M69757-007-003 Anthophyllite

kV: 100 Mag: 10000 Takeoff: 1 Live Time(s): 300 Amp Time(μs): 3.84 Resolution:(eV) 131.8



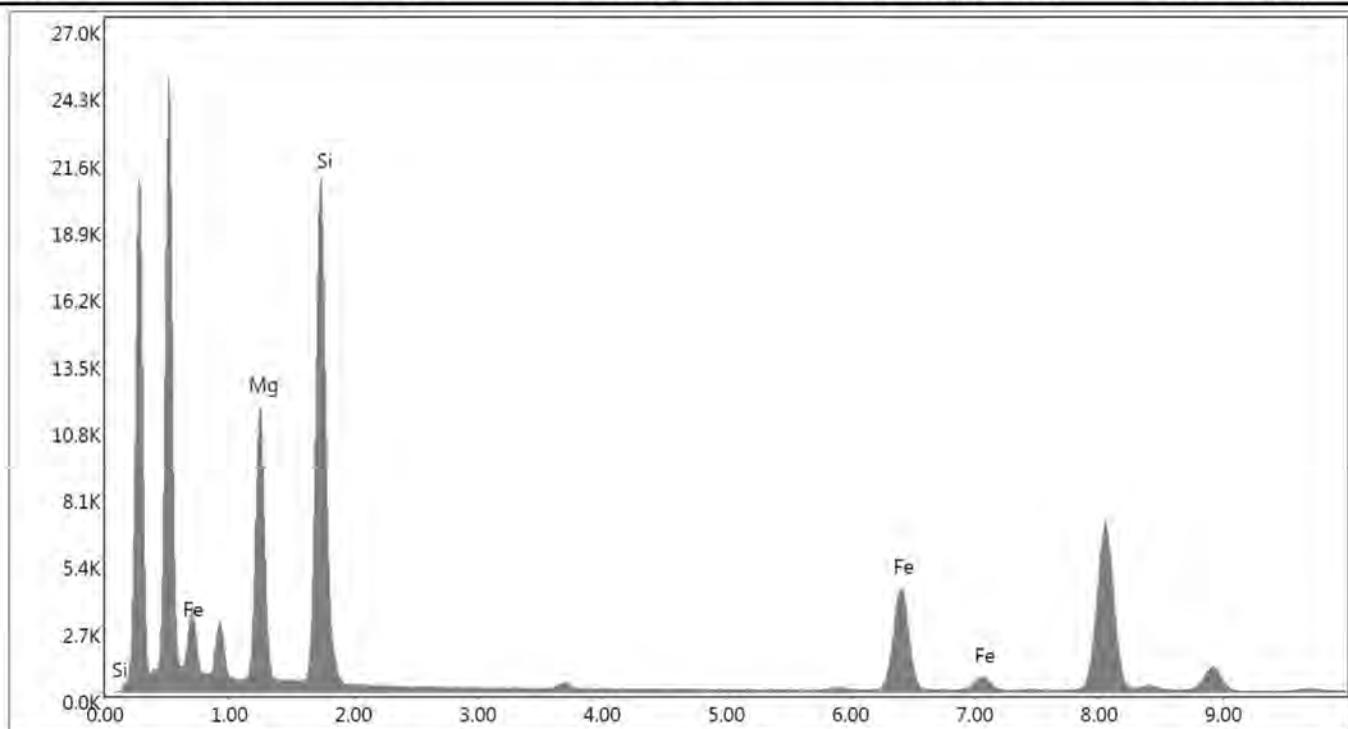
Lsec: 300.0 124 Cnts 4.350 keV Det: Apollo XLT2 SUTW

Analysis

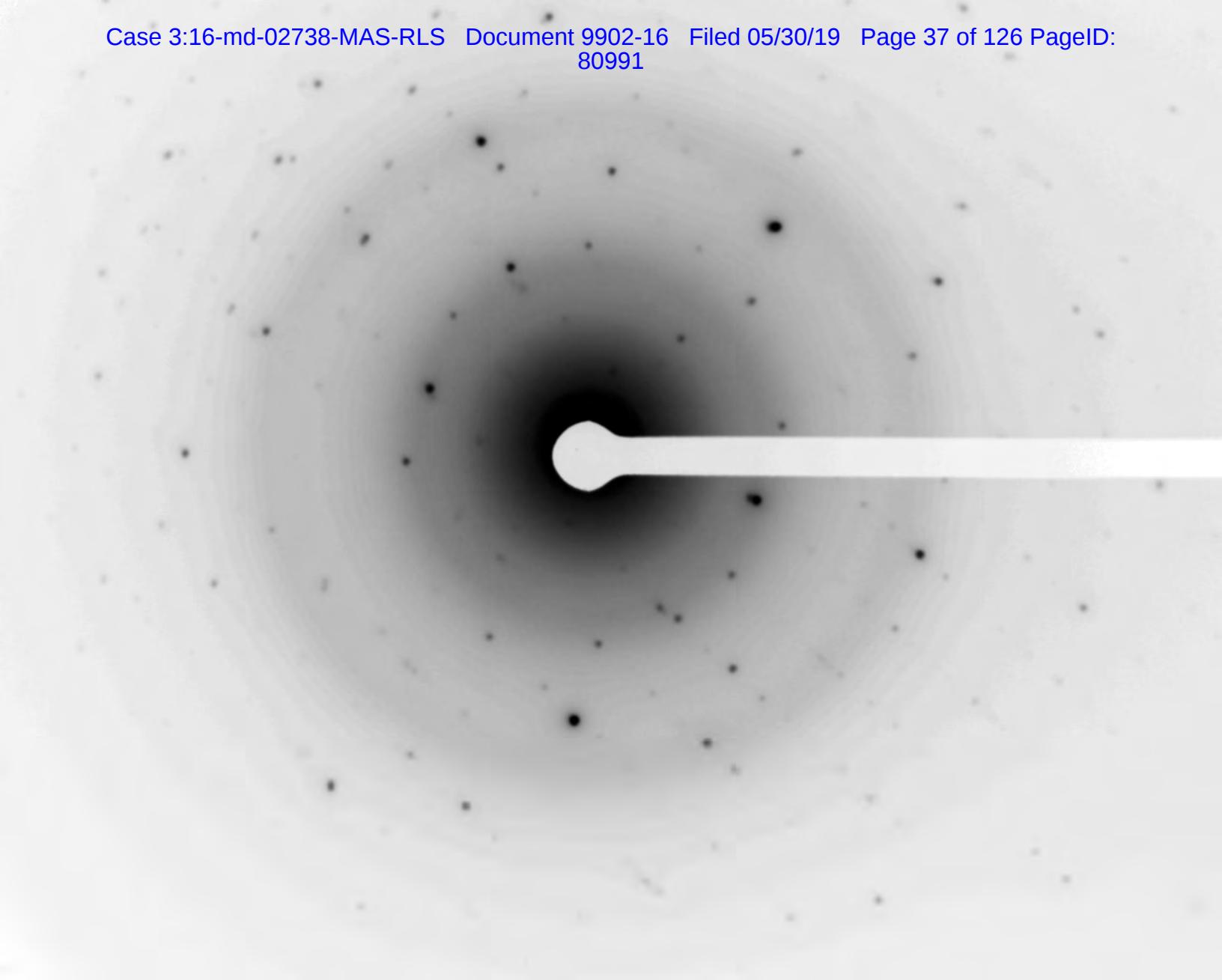
Author: lab
Creation: 12/16/2018 11:47:38 AM
Sample Name: Talc

M69757-007-003 Anthophyllite 2

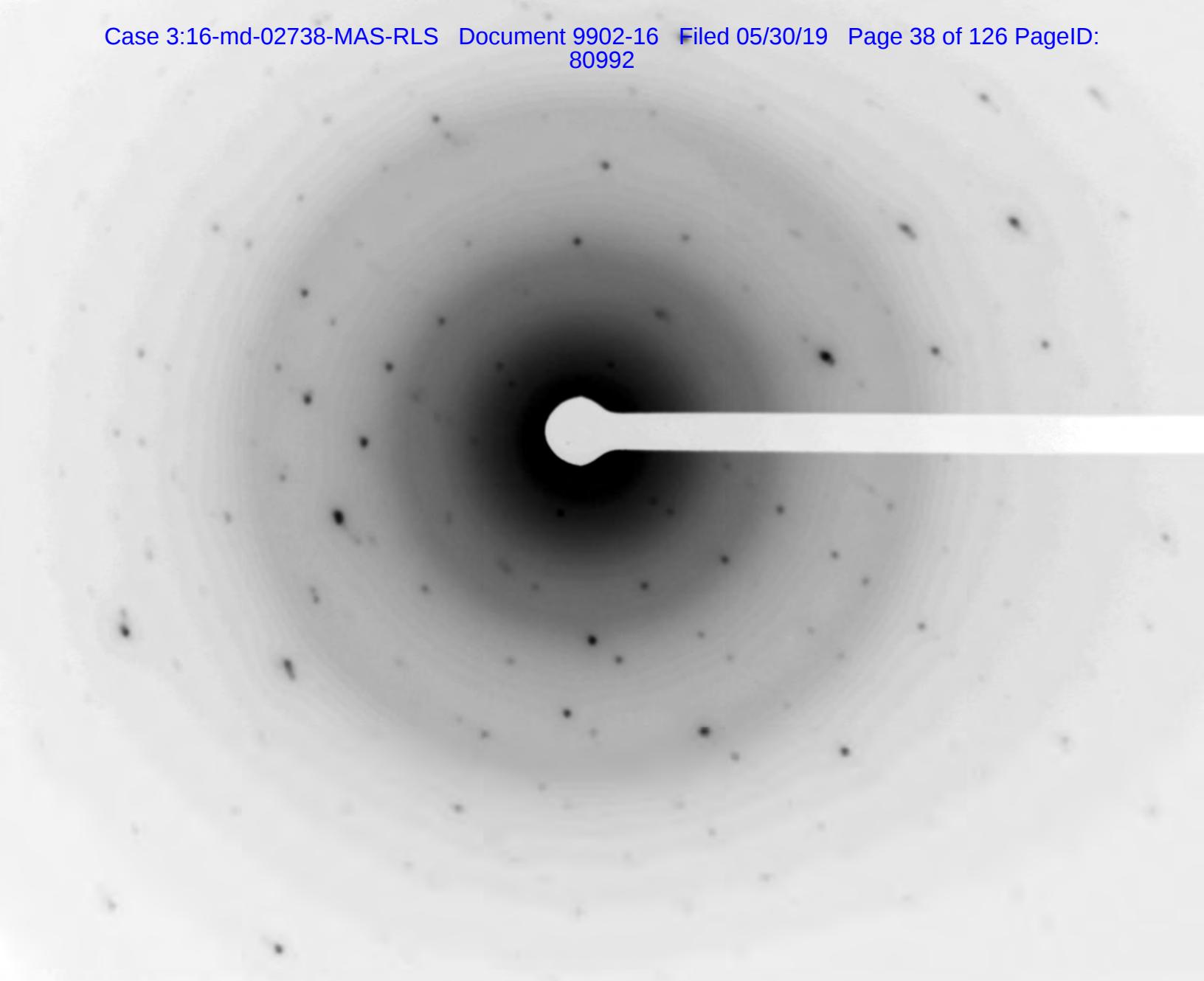
kV: 100 Mag: 10000 Takeoff: 1 Live Time(s): 300 Amp Time(μs): 3.84 Resolution:(eV) 131.8



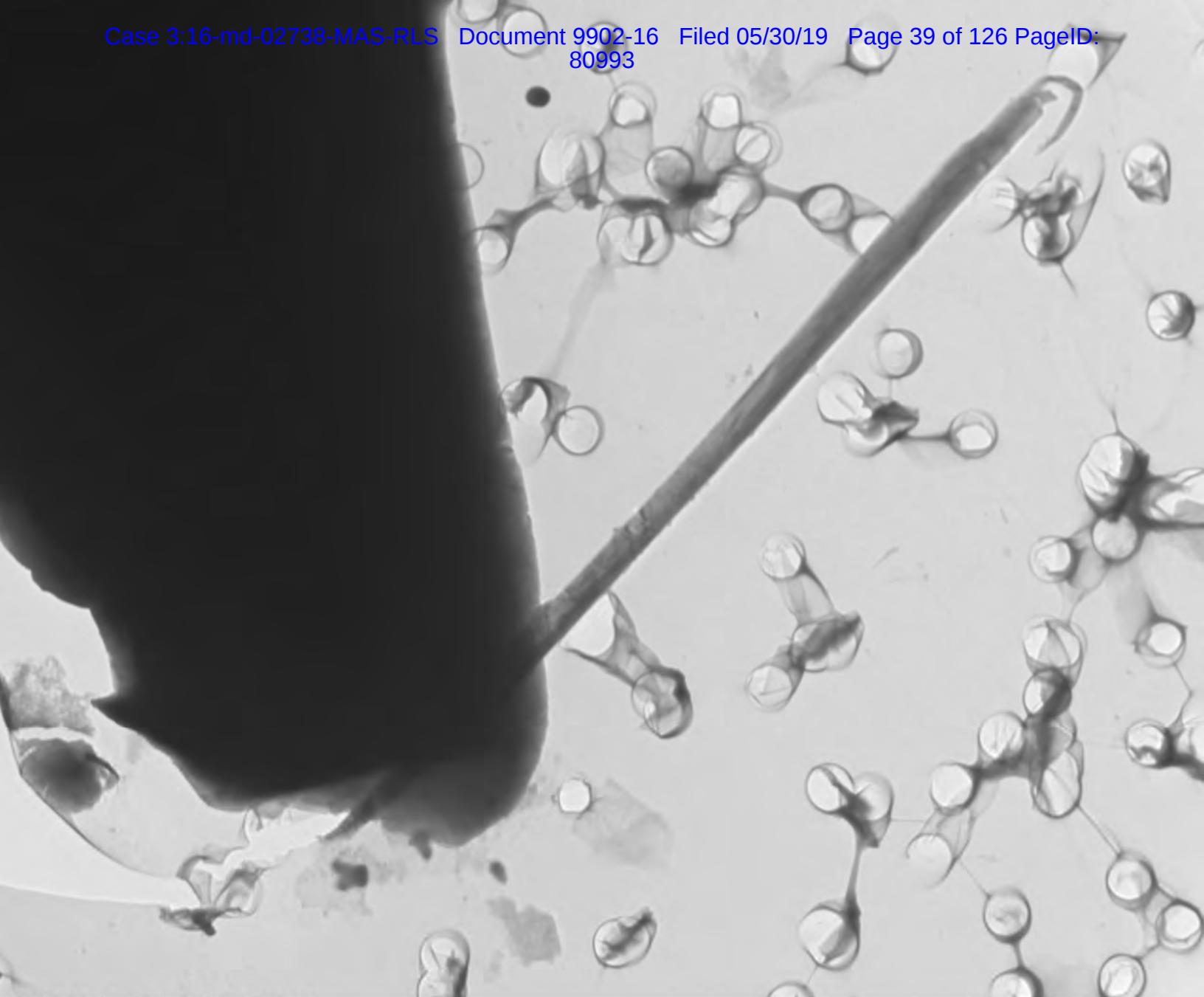
Lsec: 300.0 164 Cnts 4.350 keV Det: Apollo XLT2 SUTW



M69757-007-003 Anthophyllite Diffraction.tif
Diffraction @ 50cm
11:48 12/16/2018



M69757-007-003 Anthophyllite Diffraction 2.tif
Diffraction @ 50cm
12:00 12/16/2018



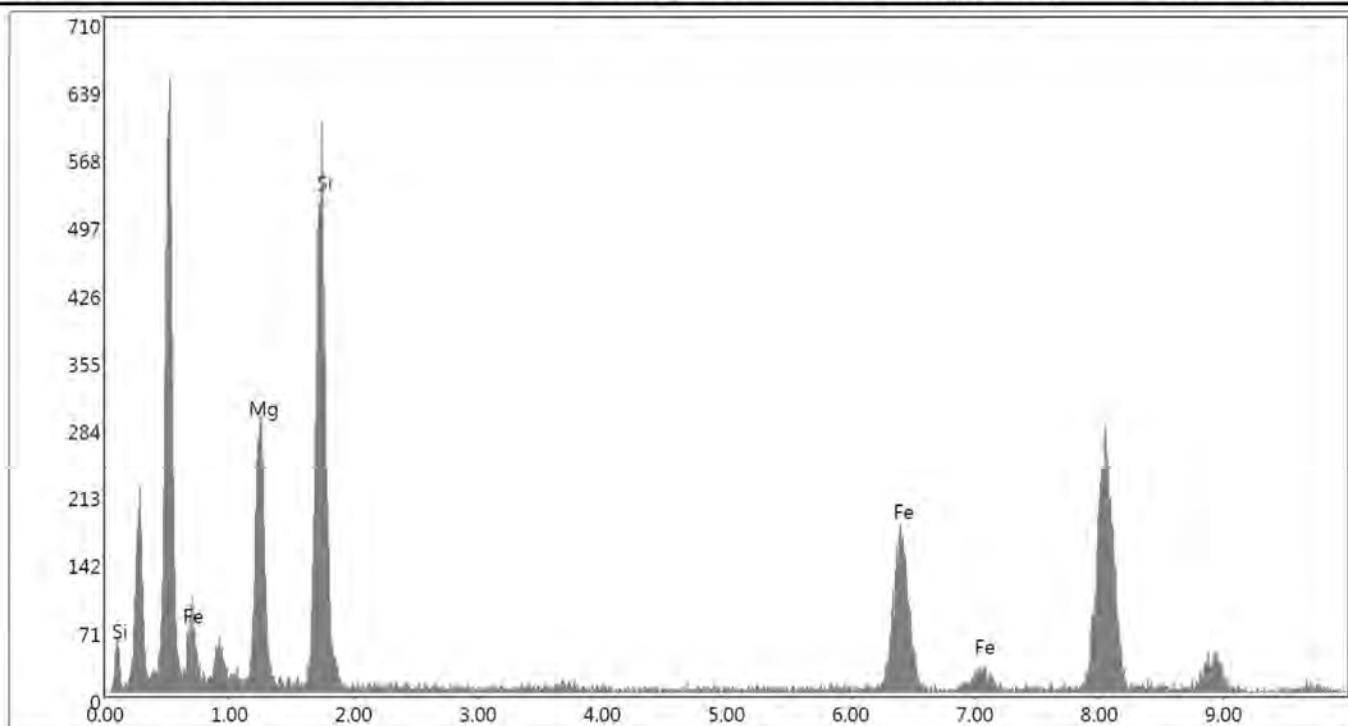
M69757-007-003 Anthophyllite Image.tif
(9.9um x 0.36um)
12:03 12/16/2018

Analysis

Author: lab
Creation: 12/16/2018 12:33:38 PM
Sample Name: Talc

M69757-007-004 Anthophyllite

kV: 100 Mag: 10000 Takeoff: 1 Live Time(s): 300 Amp Time(μs): 3.84 Resolution:(eV) 131.8



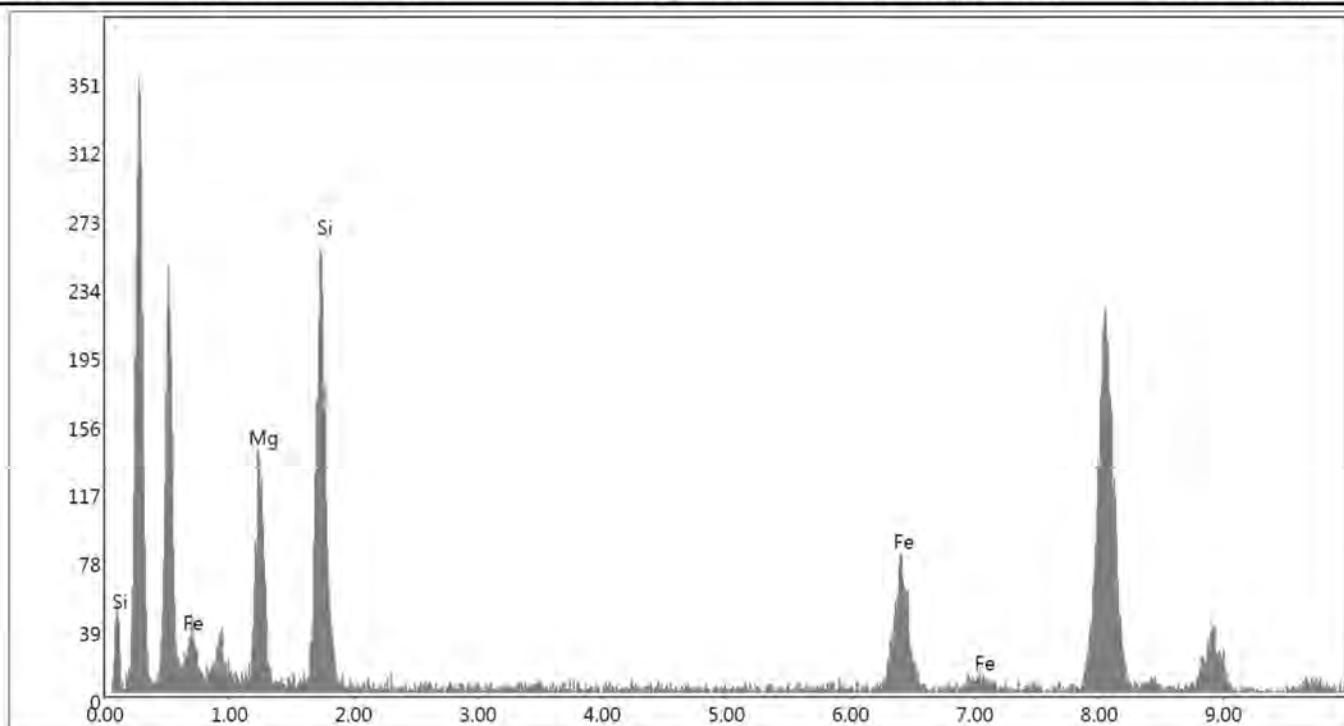
Lsec: 300.0 7 Cnts 4.350 keV Det: Apollo XLT2 SUTW

Analysis

Author: lab
Creation: 12/16/2018 12:39:38 PM
Sample Name: Talc

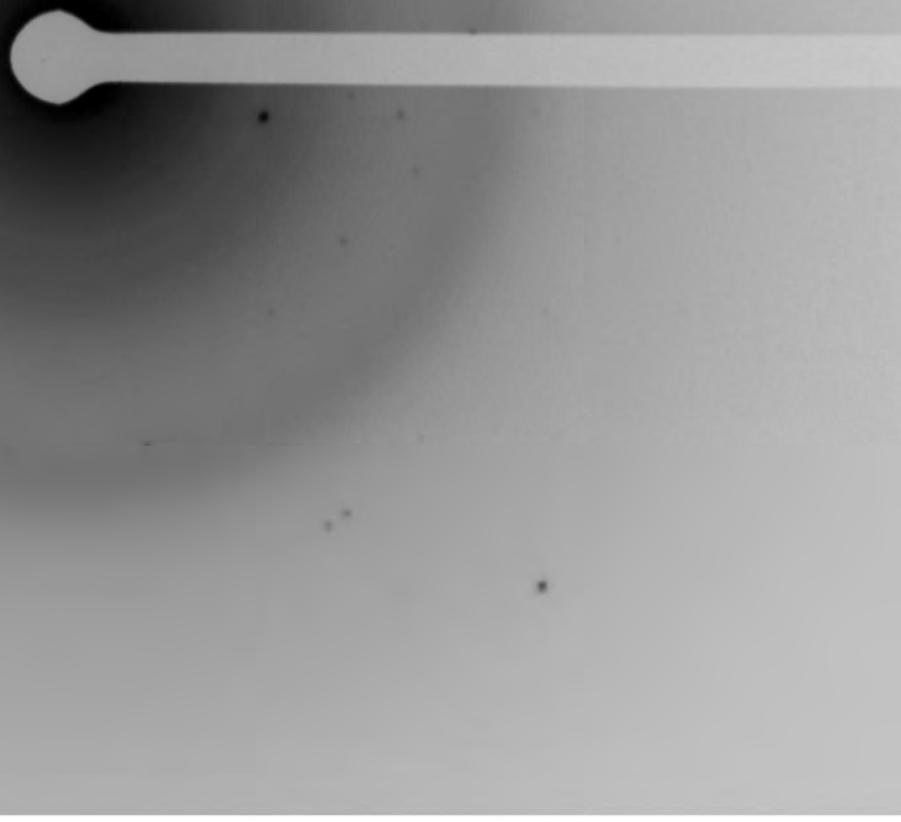
M69757-007-004 Anthophyllite 2

kV: 100 Mag: 10000 Takeoff: 1 Live Time(s): 300 Amp Time(μs): 3.84 Resolution:(eV) 131.8

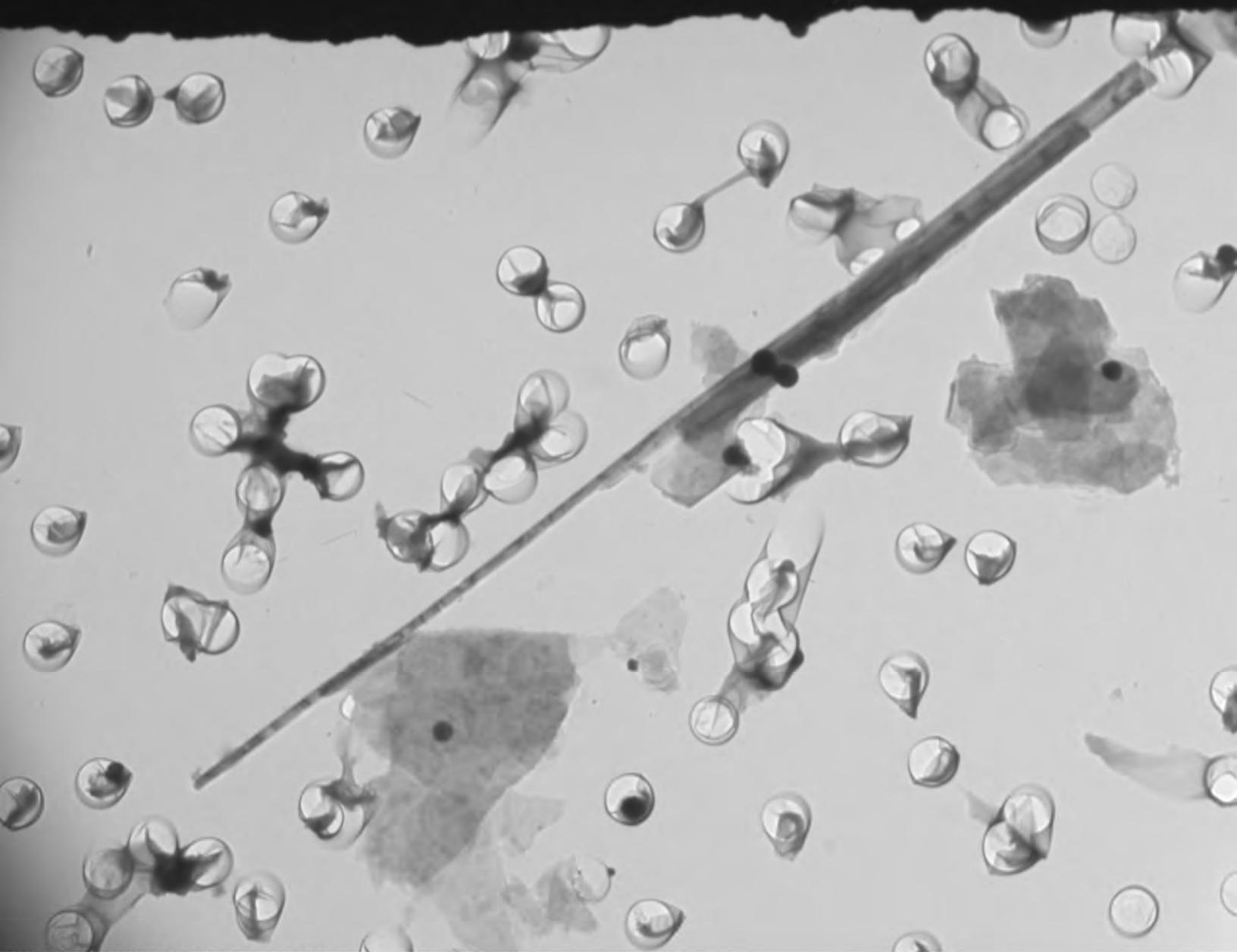


Lsec: 300.0 3 Cnts 4.350 keV Det: Apollo XLT2 SUTW

M69757-007-004 Anthophyllite Diffraction.tif
Diffraction @ 50cm
12:25 12/16/2018



M69757-007-004 Anthophyllite Diffraction 2.tif
Diffraction @ 50cm
12:42 12/16/2018



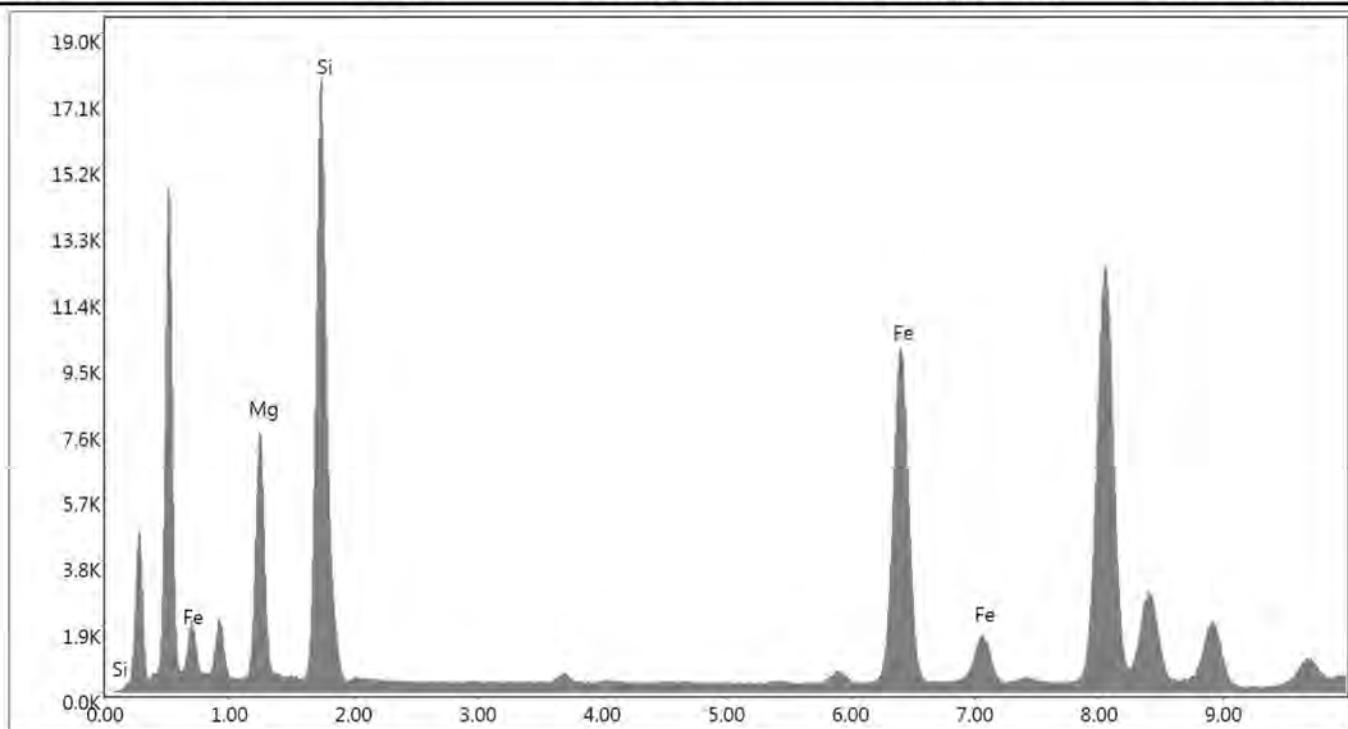
M69757-007-004 Anthophyllite Image.tif
(10.9um x 0.35um)
12:45 12/16/2018

Analysis

Author: lab
Creation: 12/17/2018 1:47:14 PM
Sample Name: Talc

M69757-007-005 Anthophyllite

kV: 100 Mag: 10000 Takeoff: 1 Live Time(s): 300 Amp Time(μs): 3.84 Resolution:(eV) 131.8



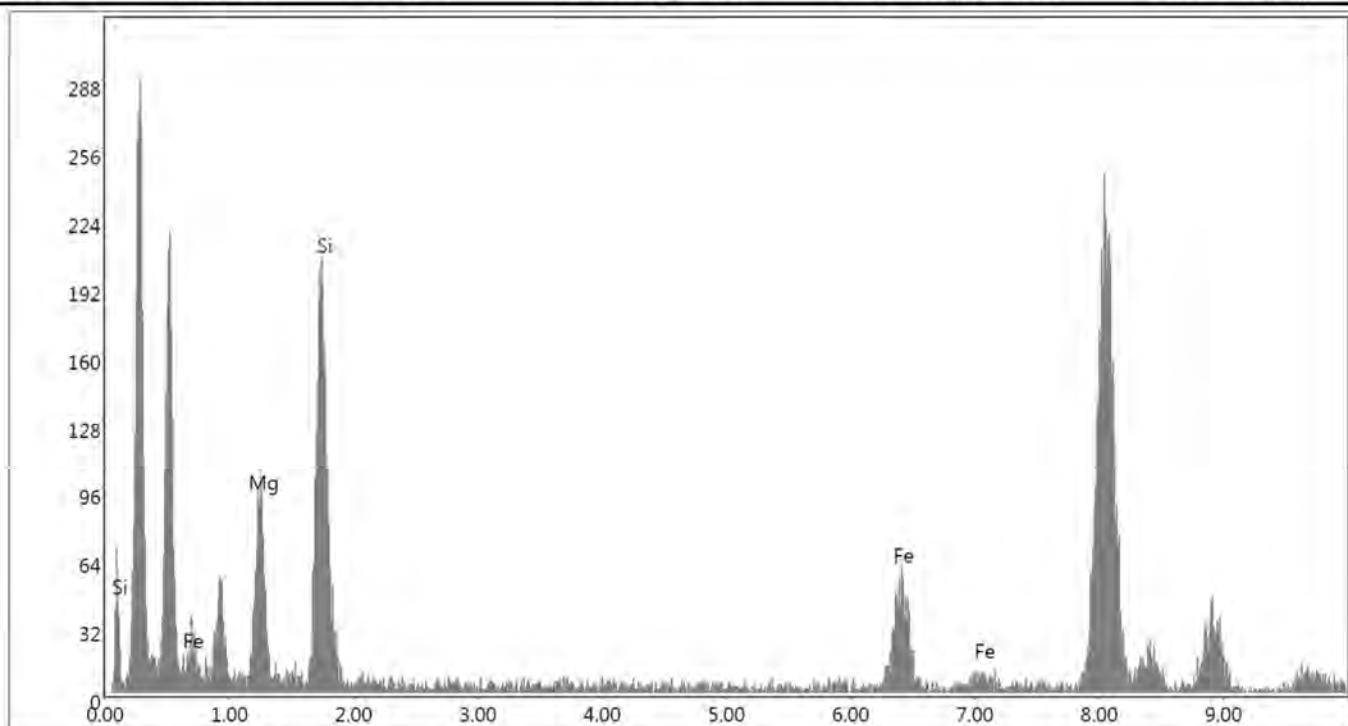
Lsec: 300.0 294 Cnts 4.350 keV Det: Apollo XLT2 SUTW

Analysis

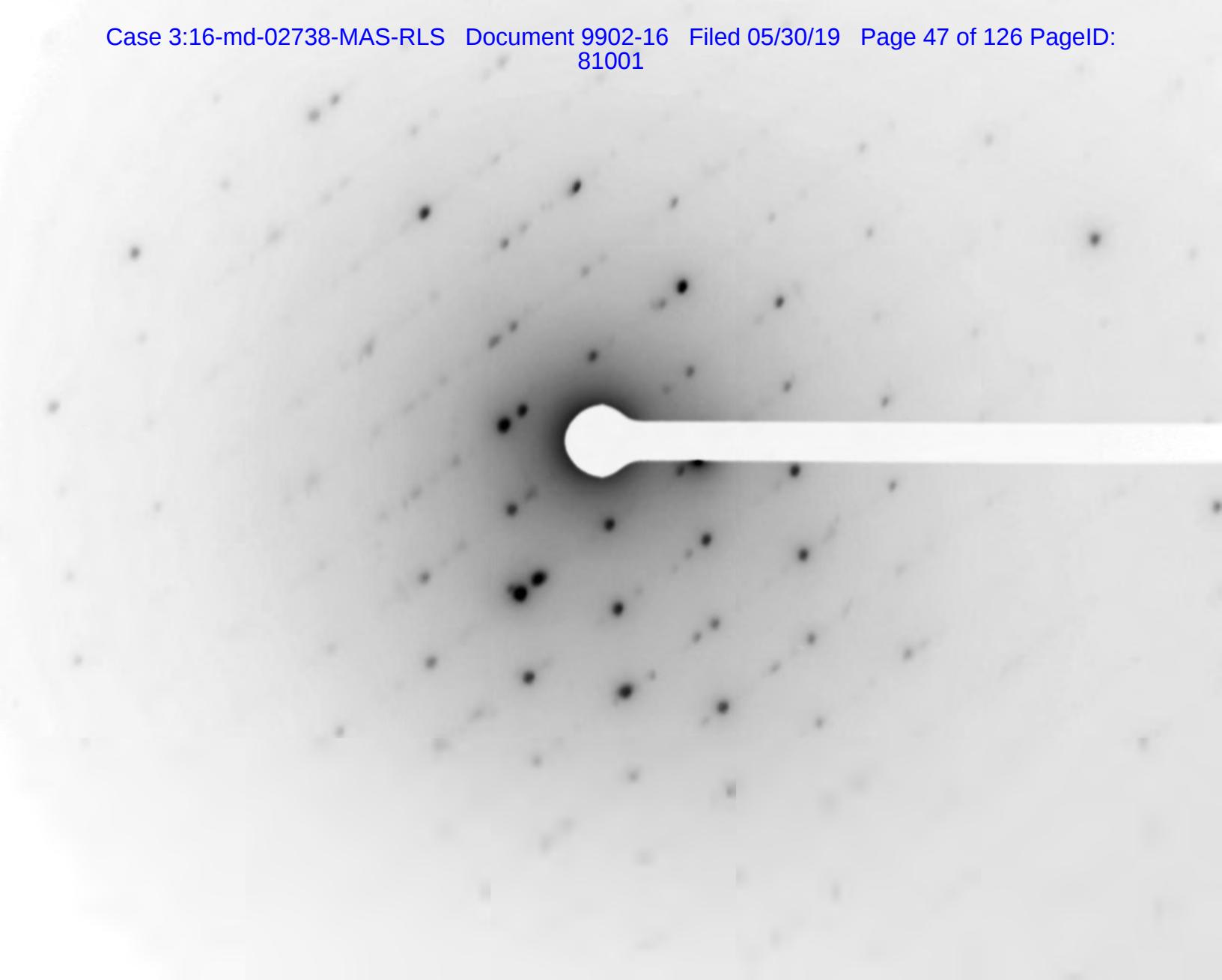
Author: lab
Creation: 12/17/2018 1:54:22 PM
Sample Name: Talc

M69757-007-005 Anthophyllite 2

kV: 100 Mag: 10000 Takeoff: 1 Live Time(s): 300 Amp Time(μs): 3.84 Resolution:(eV) 131.8

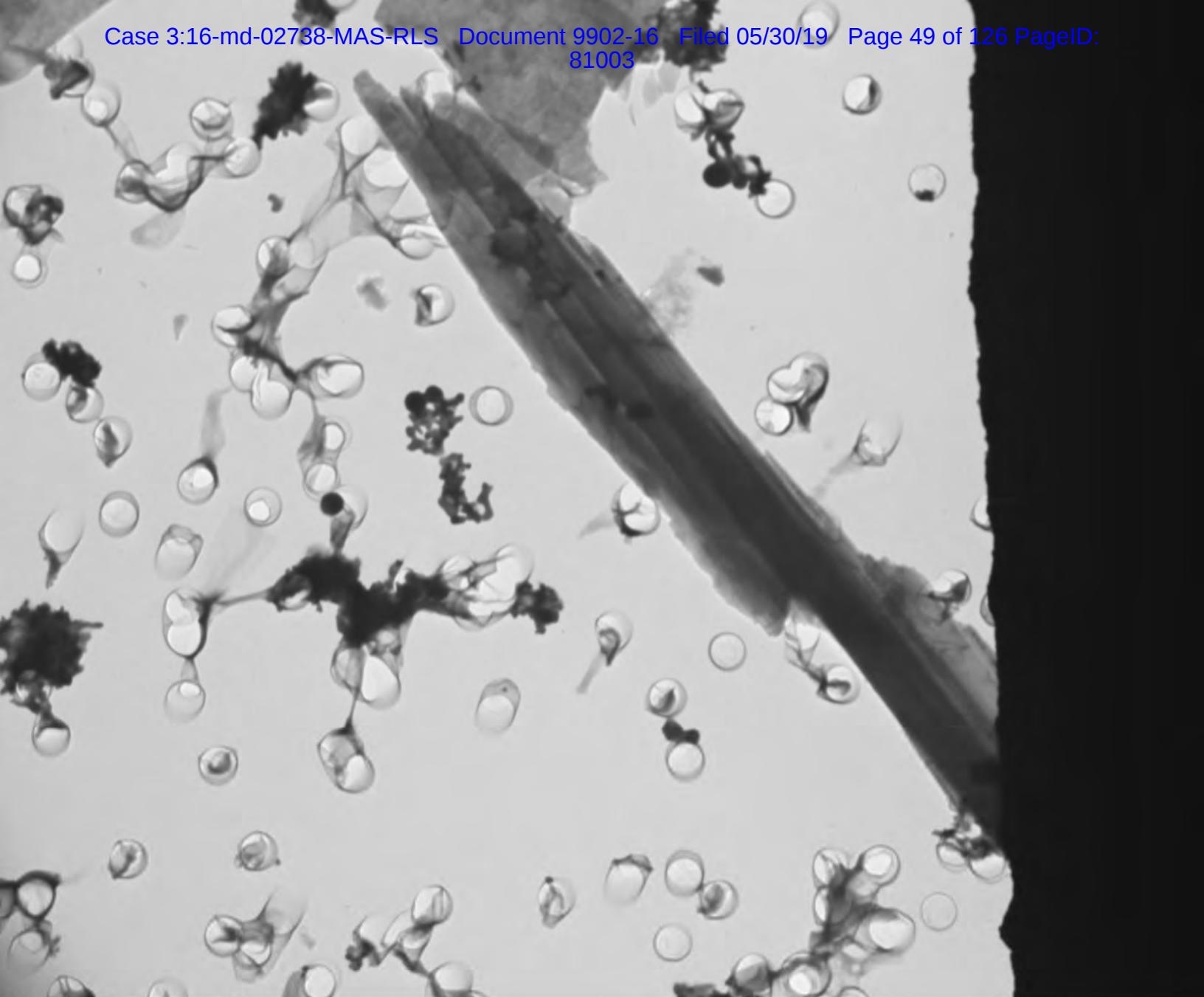


Lsec: 300.0 3 Cnts 4.350 keV Det: Apollo XLT2 SUTW



M69757-007-005 Anthophyllite Diffraction.tif
Diffraction @ 50cm
12:58 12/16/2018

M69757-007-005 Anthophyllite Diffraction 2.tif
Diffraction @ 50cm
13:38 12/17/2018



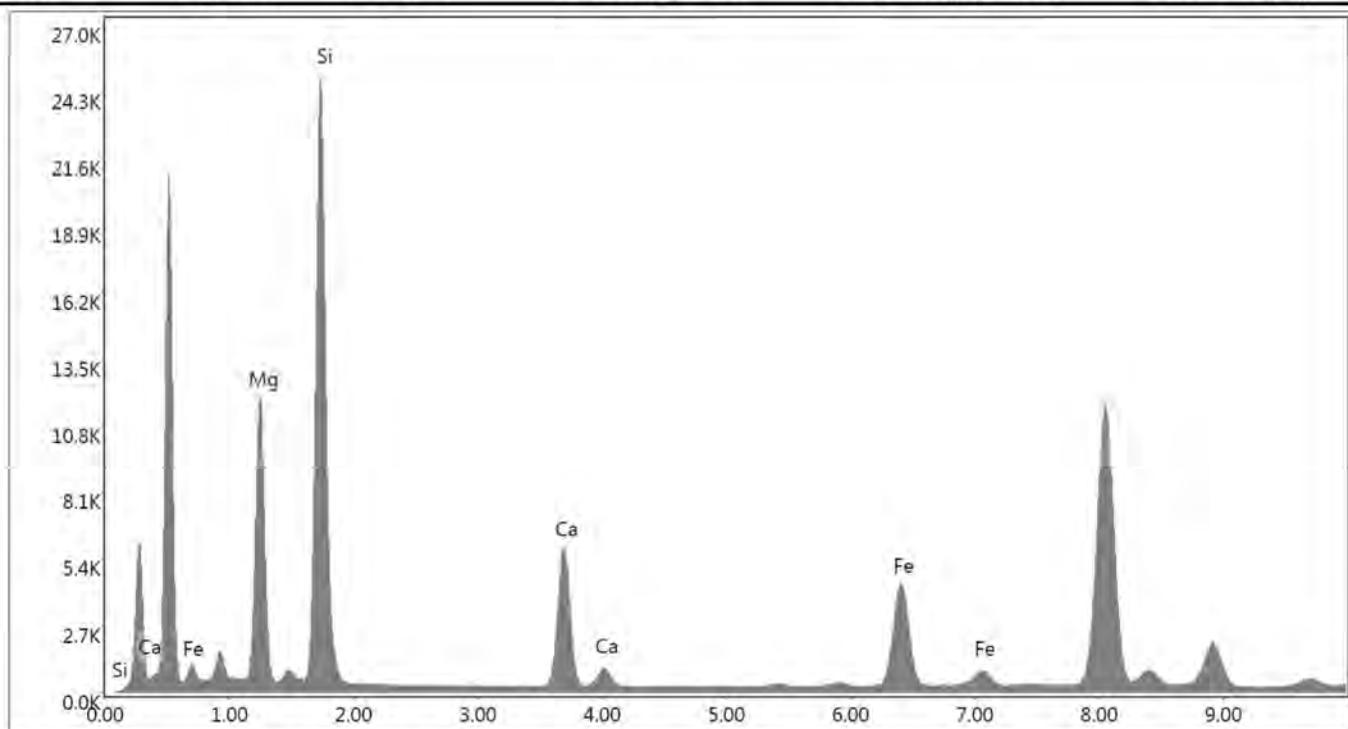
M69757-007-005 Anthophyllite Image.tif
(11.7um x 1.4um)
13:13 12/16/2018

Analysis

Author: lab
Creation: 12/16/2018 4:37:08 PM
Sample Name: Talc

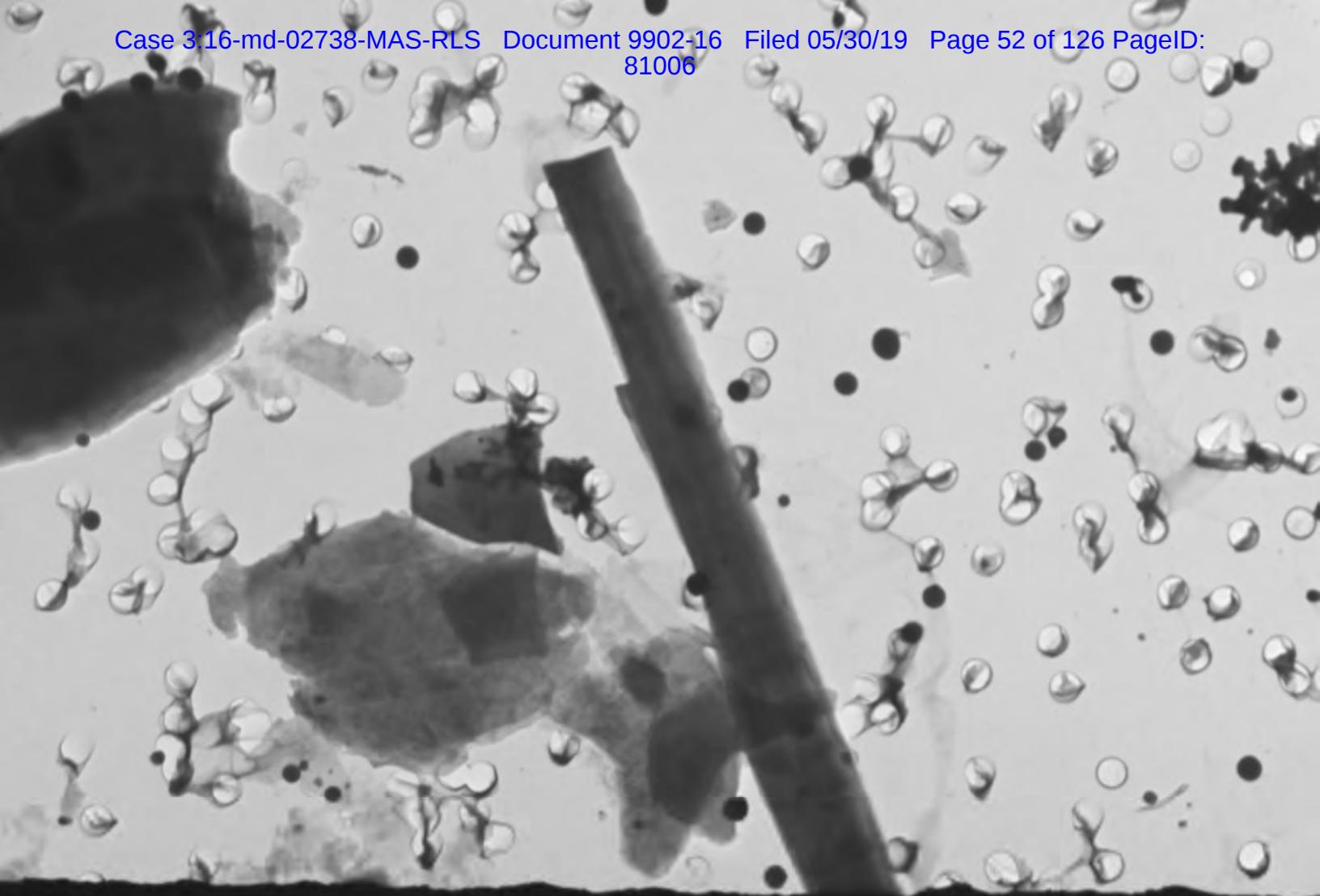
M69757-007-006 Actinolite

kV: 100 Mag: 10000 Takeoff: 1 Live Time(s): 300 Amp Time(μs): 3.84 Resolution:(eV) 131.8



Lsec: 300.0 237 Cnts 4.350 keV Det: Apollo XLT2 SUTW

M69757-007-006 Actinolite Diffraction.tif
Diffraction @ 50cm
16:28 12/16/2018



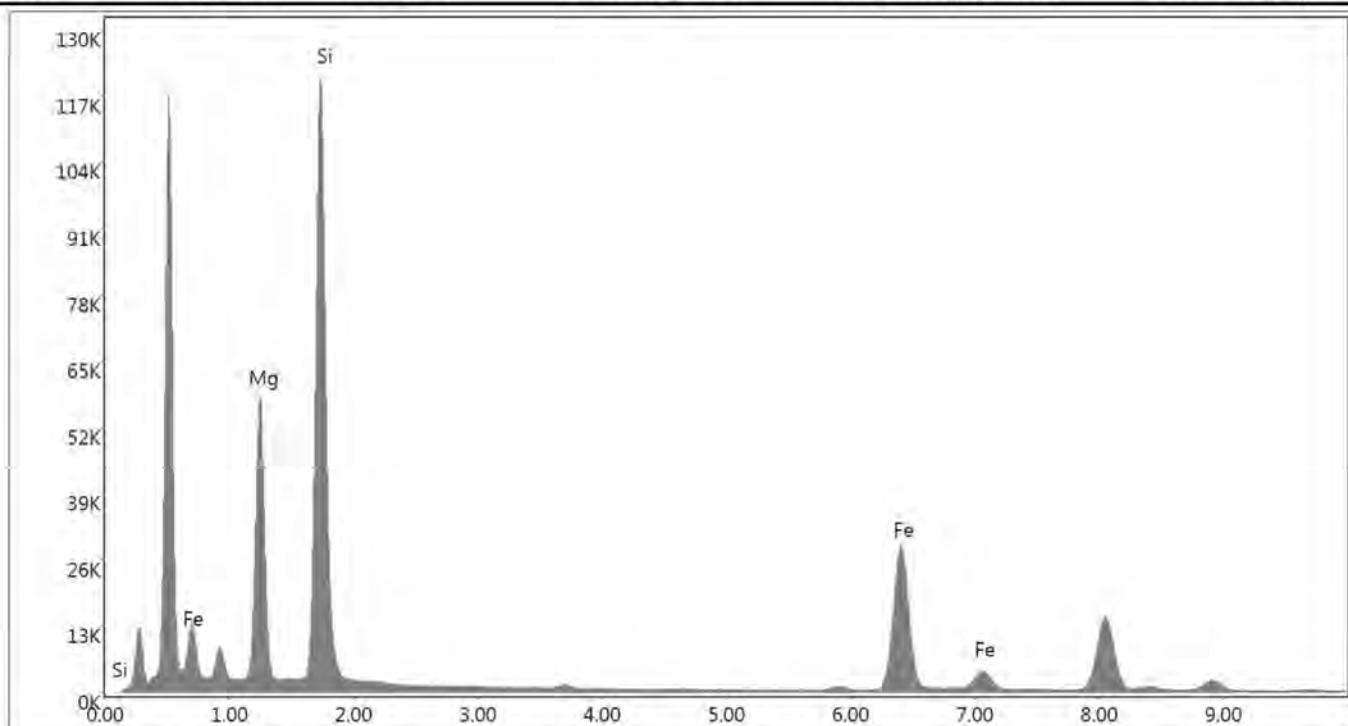
M69757-007-006 Actinolite Image.tif
(11.6um x 1.1um)
16:36 12/16/2018

Analysis

Author: lab
Creation: 12/16/2018 5:03:15 PM
Sample Name: Talc

M69757-007-007 Anthophyllite

kV: 100 Mag: 10000 Takeoff: 1 Live Time(s): 300 Amp Time(μs): 3.84 Resolution:(eV) 131.8



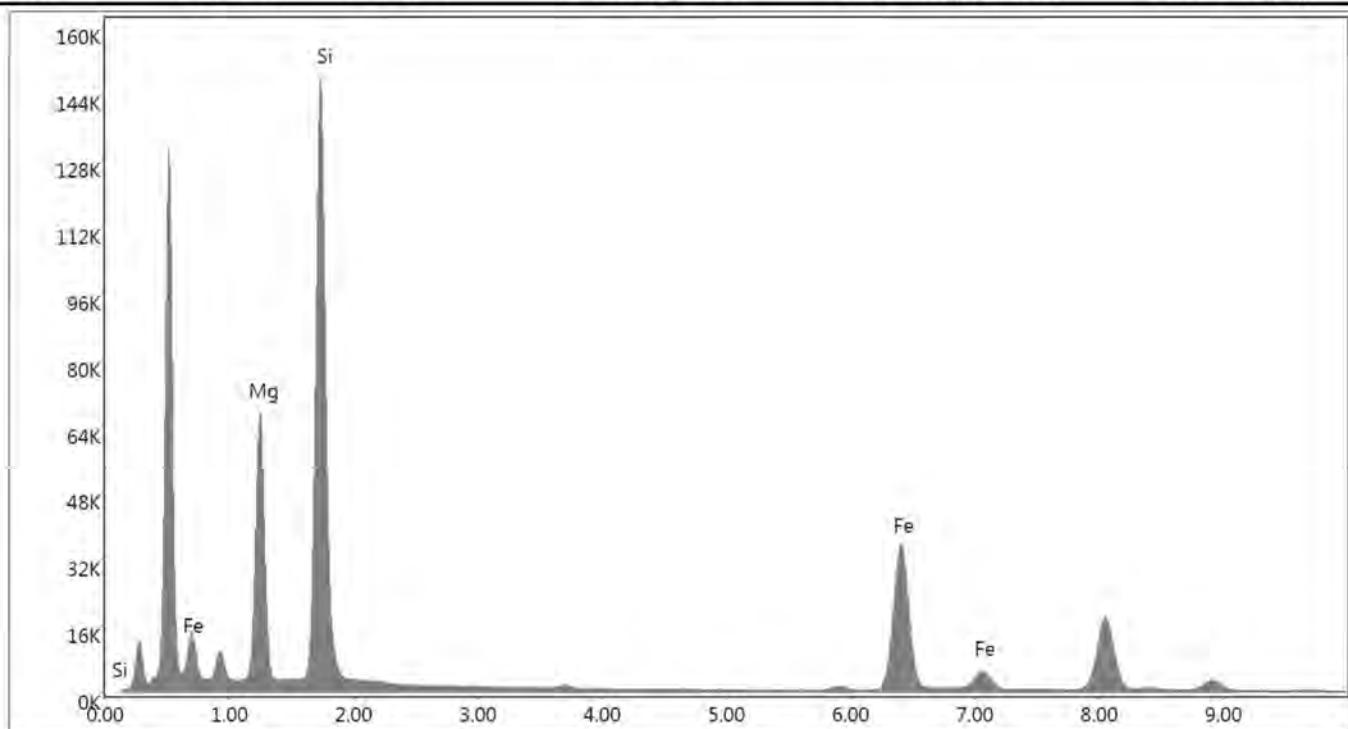
Lsec: 300.0 673 Cnts 4.350 keV Det: Apollo XLT2 SUTW

Analysis

Author: lab
Creation: 12/16/2018 5:09:41 PM
Sample Name: Talc

M69757-007-007 Anthophyllite 2

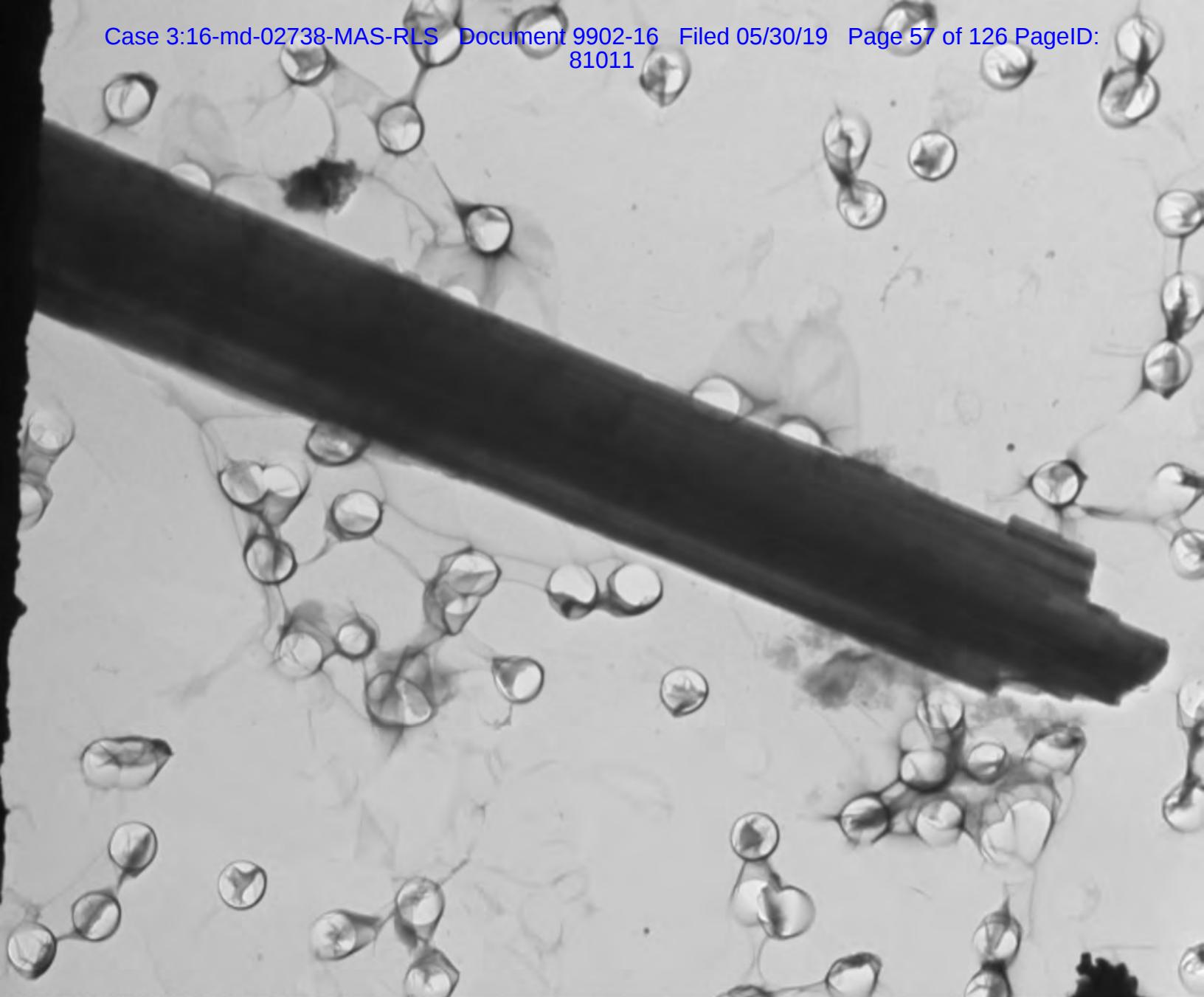
kV: 100 Mag: 10000 Takeoff: 1 Live Time(s): 300 Amp Time(μs): 3.84 Resolution:(eV) 131.8



Lsec: 300.0 888 Cnts 4.350 keV Det: Apollo XLT2 SUTW

M69757-007-007 Anthophyllite Diffraction.tif
Diffraction @ 50cm
17:13 12/16/2018

M69757-007-007 Anthophyllite Diffraction 2.tif
Diffraction @ 50cm
17:17 12/16/2018



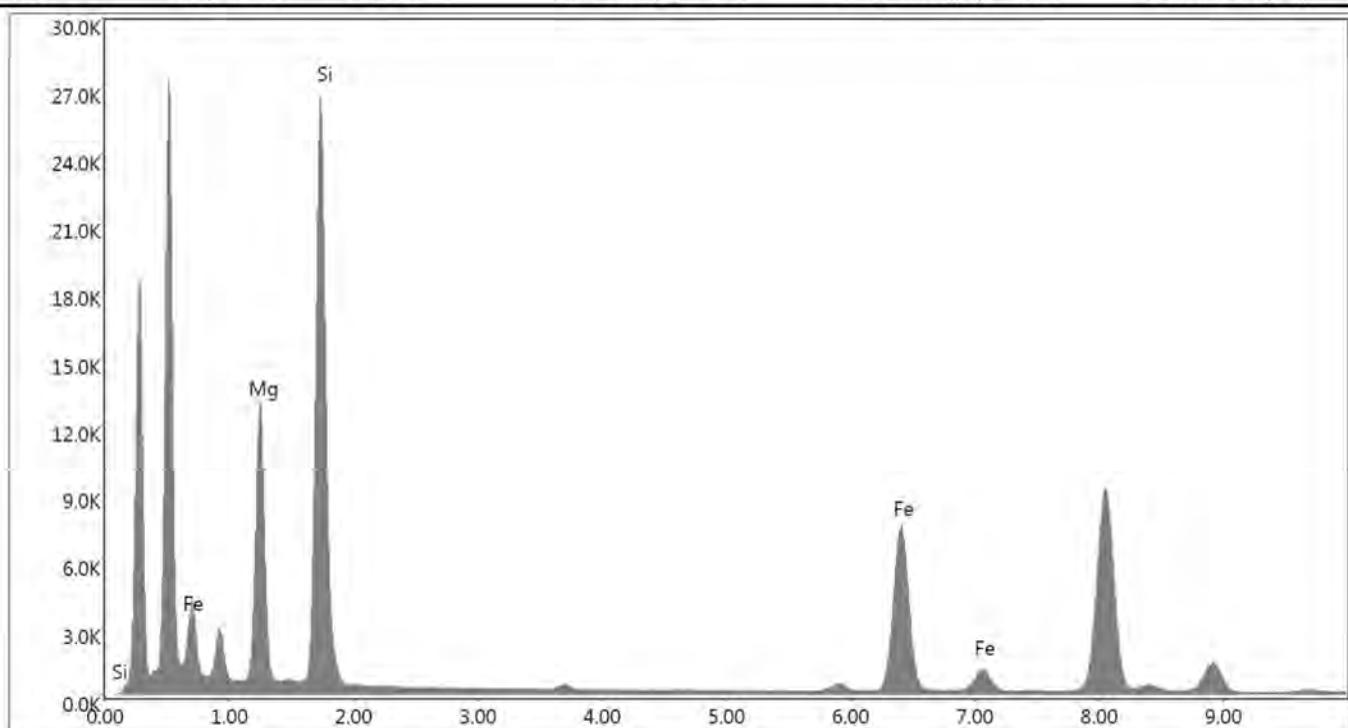
M69757-007-007 Anthophyllite Image.tif
(11.8um x 1.6um)
17:19 12/16/2018

Analysis

Author: lab
Creation: 12/17/2018 7:53:59 AM
Sample Name: Talc

M69757-007-008 Anthophyllite

kV: 100 Mag: 10000 Takeoff: 1 Live Time(s): 300 Amp Time(μs): 3.84 Resolution:(eV) 131.8



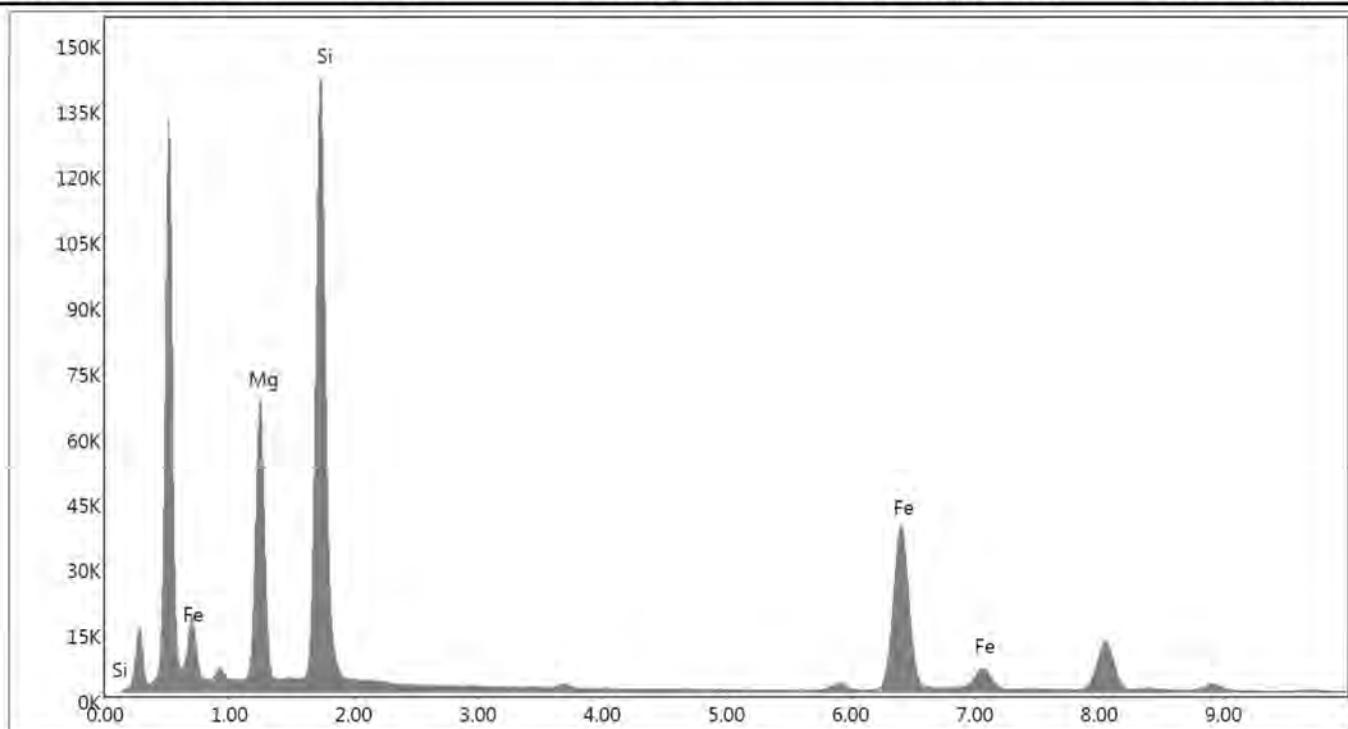
Lsec: 300.0 195 Cnts 4.350 keV Det: Apollo XLT2 SUTW

Analysis

Author: lab
Creation: 12/17/2018 8:00:27 AM
Sample Name: Talc

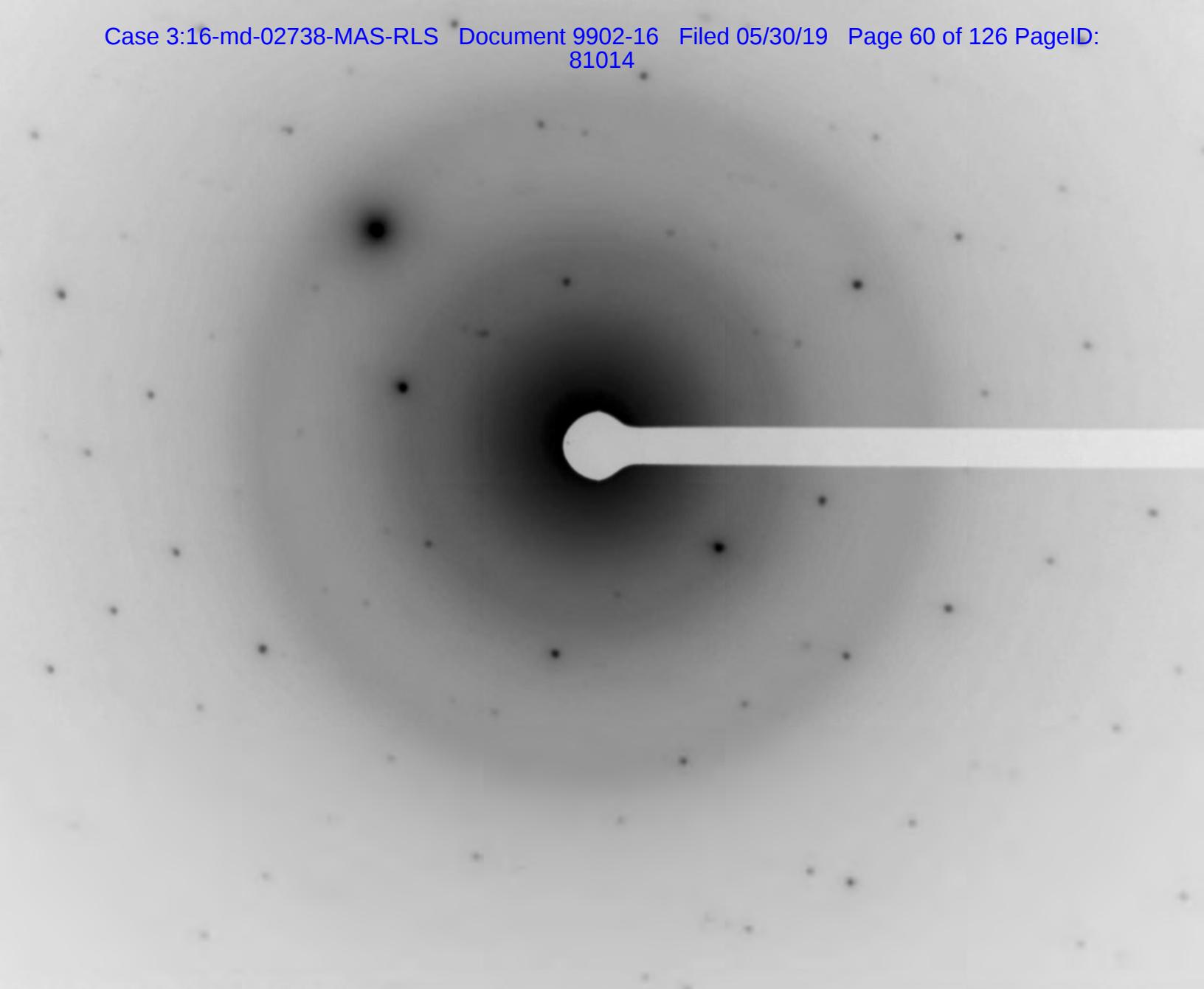
M69757-007-008 Anthophyllite 2

kV: 100 Mag: 10000 Takeoff: 1 Live Time(s): 300 Amp Time(μs): 3.84 Resolution:(eV) 131.8

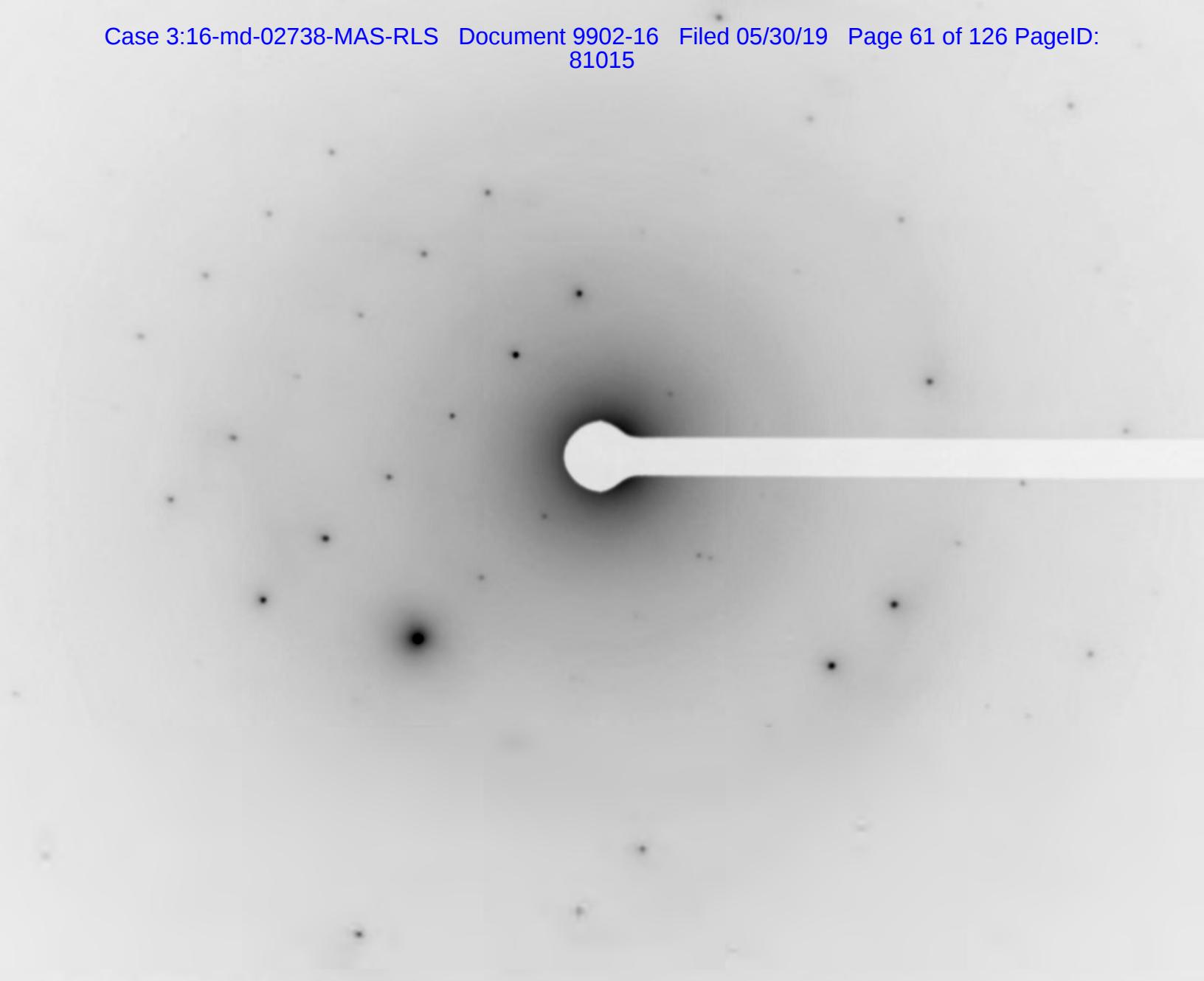


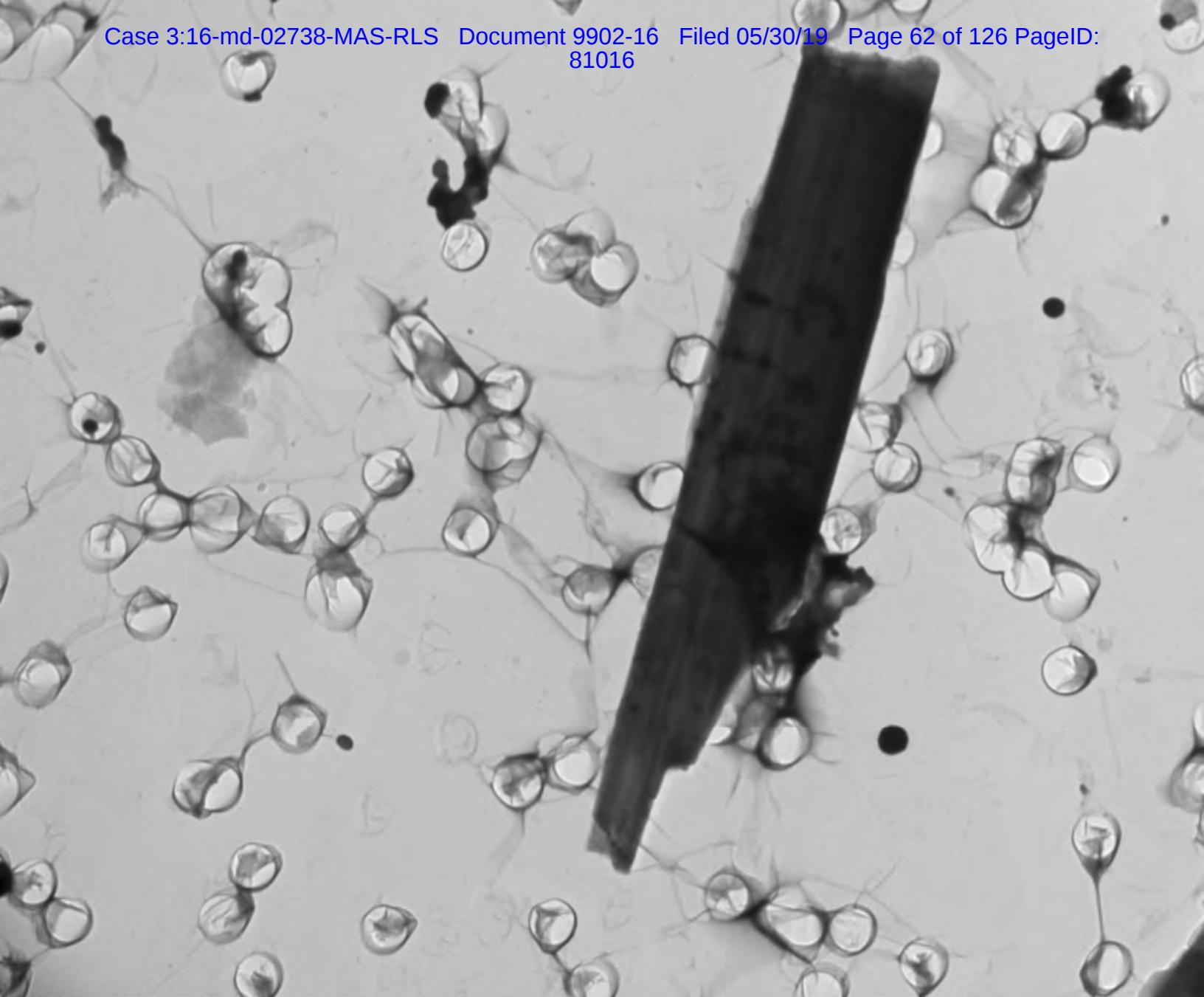
Lsec: 300.0 847 Cnts 4.350 keV Det: Apollo XLT2 SUTW

M69757-007-008 Anthophyllite Diffraction.tif
Diffraction @ 50cm
07:45 12/17/2018



M69757-007-008 Anthophyllite Diffraction 2.tif
Diffraction @ 50cm
08:03 12/17/2018





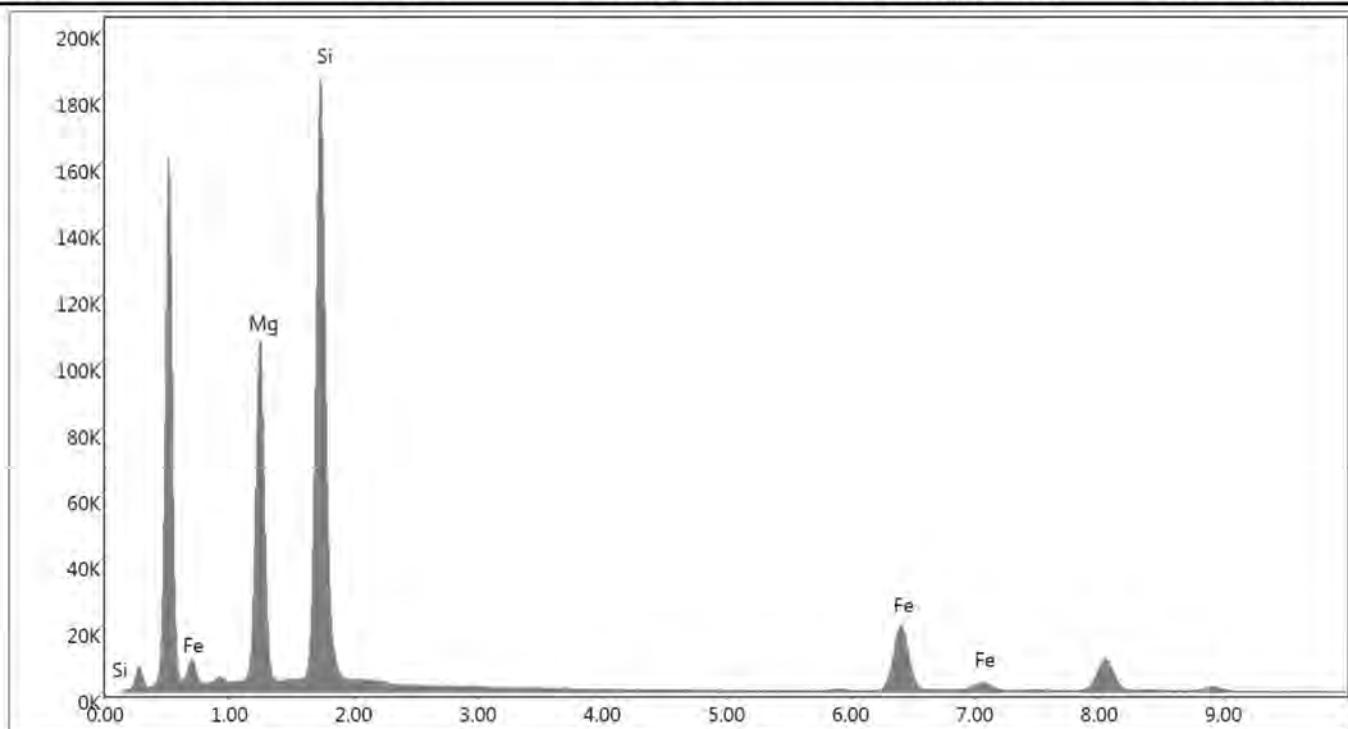
M69757-007-008 Anthophyllite Image.tif
(8.0um x 1.3um)
08:06 12/17/2018

Analysis

Author: lab
Creation: 12/17/2018 11:24:08 AM
Sample Name: Talc

M69757-007-009 Anthophyllite

kV: 100 Mag: 10000 Takeoff: 1 Live Time(s): 300 Amp Time(μs): 3.84 Resolution:(eV) 131.8



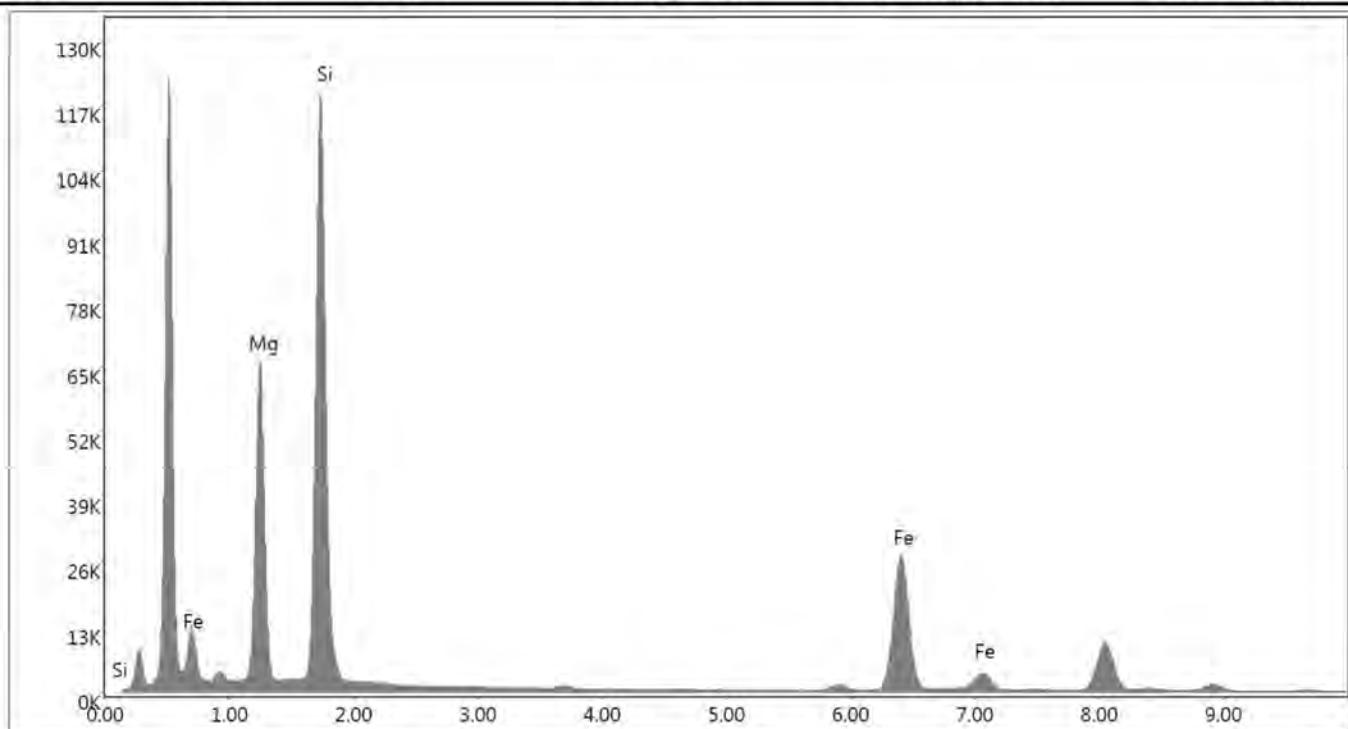
Lsec: 300.0 948 Cnts 4.350 keV Det: Apollo XLT2 SUTW

Analysis

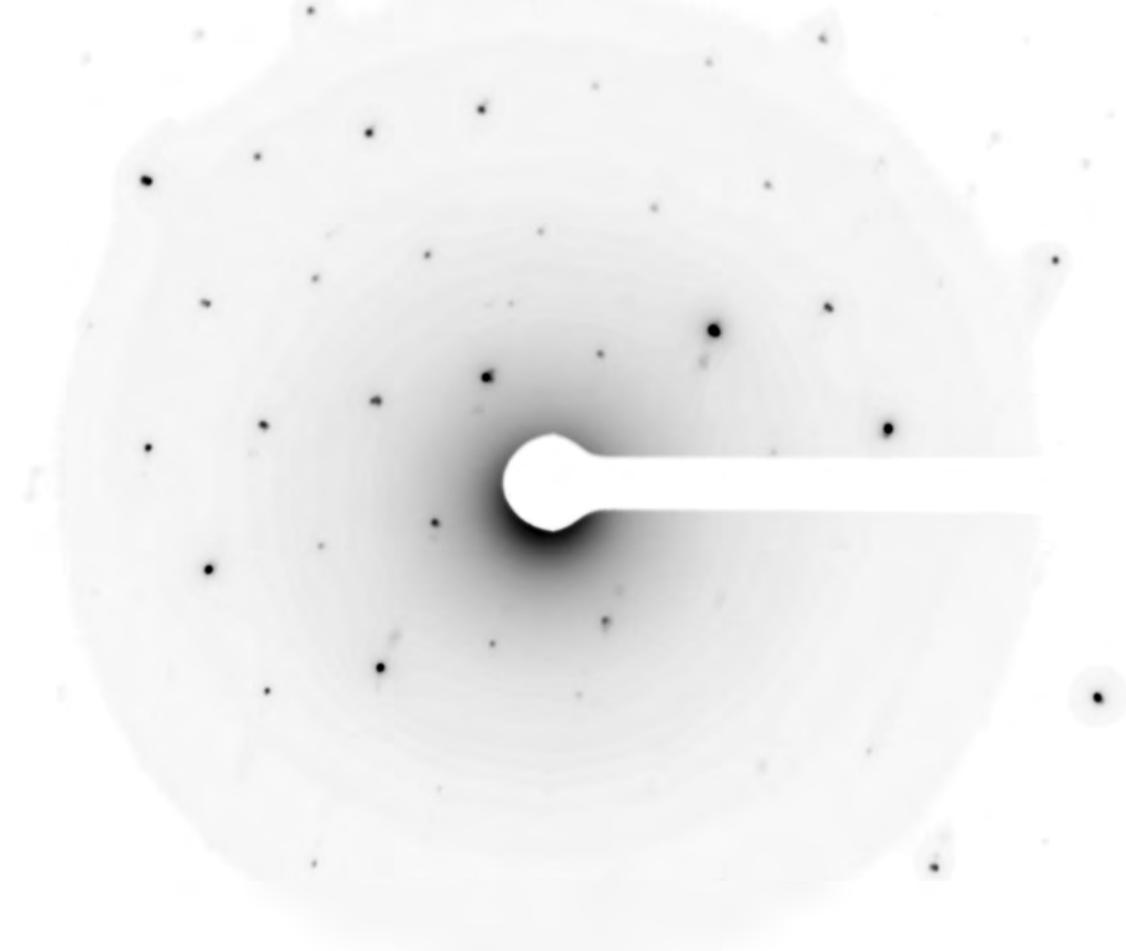
Author: lab
Creation: 12/17/2018 11:52:27 AM
Sample Name: Talc

M69757-007-009 Anthophyllite 2

kV: 100 Mag: 10000 Takeoff: 1 Live Time(s): 300 Amp Time(μs): 3.84 Resolution:(eV) 131.8

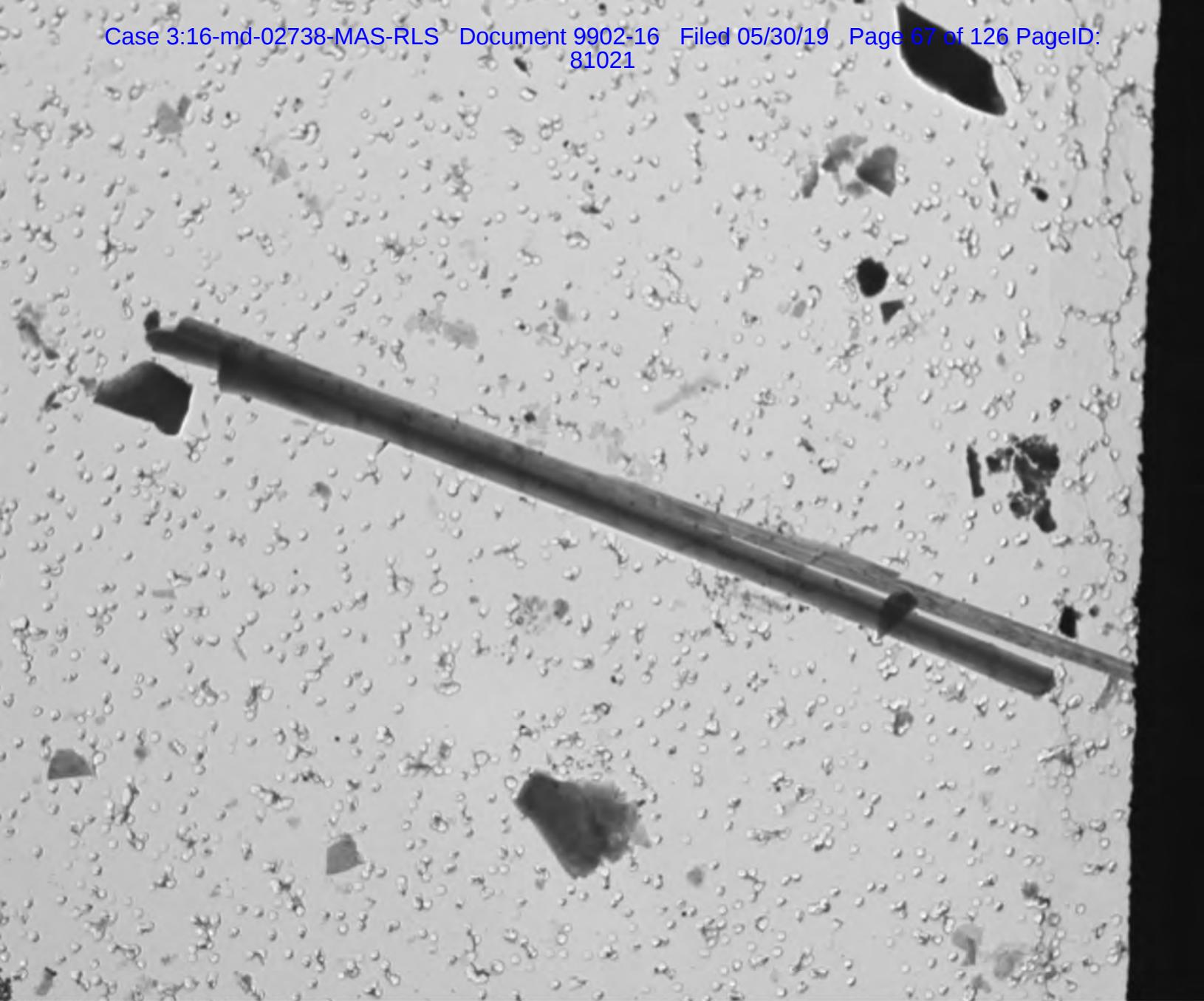


Lsec: 300.0 684 Cnts 4.350 keV Det: Apollo XLT2 SUTW



M69757-007-009 Anthophyllite Diffraction.tif
Diffraction @ 50cm
11:13 12/17/2018

M69757-007-009 Anthophyllite Diffraction 2.tif
Diffraction @ 50cm
12:10 12/17/2018



M69757-007-009 Anthophyllite Image.tif
(49.4um x 2.1um)
12:12 12/17/2018

TEM Bulk Talc Structure Count Sheet					
Project/ Sample No.	M69757-007	Grid Box #	8644	No. of Grids Counted	2
Analyst:	Jose Carrillo		Length	Width	G.O. Area
Date of Analysis	12/15/2018-12/17/18	G. O. in microns =	105	105	105
Initial Weight(g)	0.04202		105	105	105
Analysis Type	Post Separation Talc Analysis	Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted
1	Screen Magnification	20 KX	Area Examined mm ²		1.103

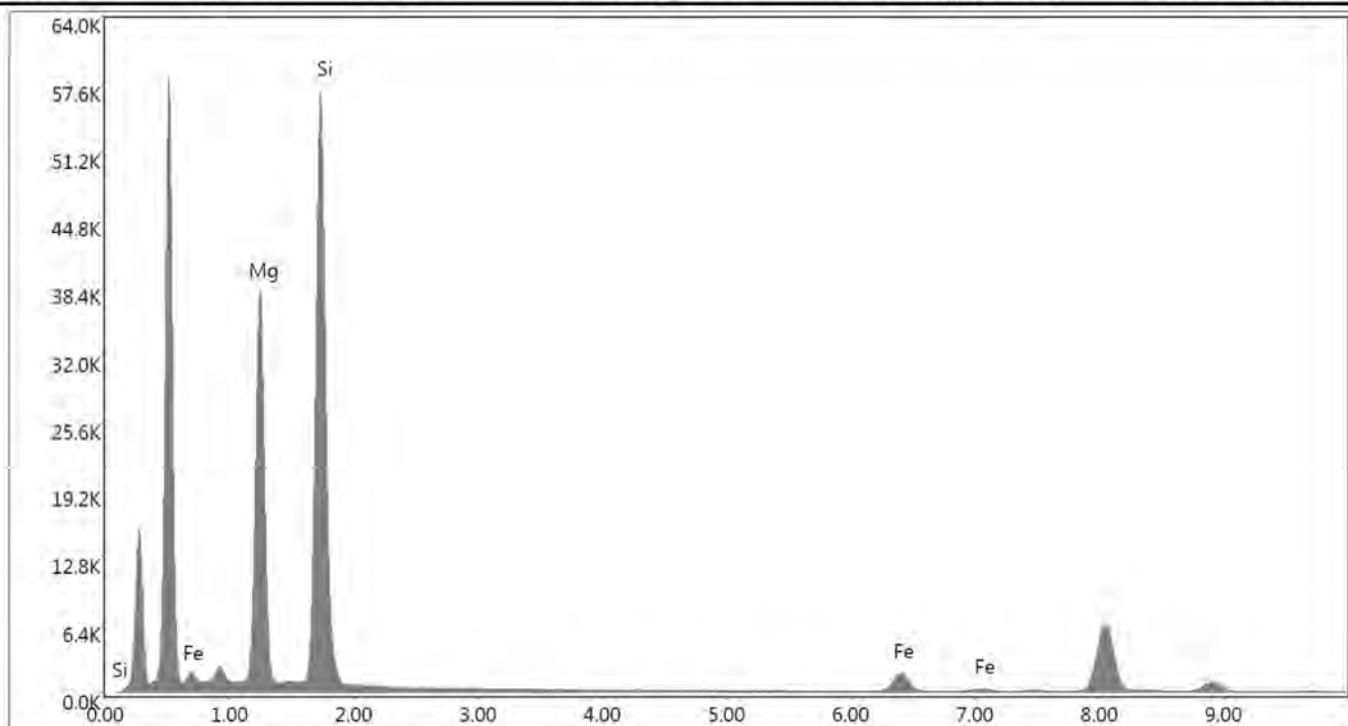
Str. #	Grid Opening	Str./Asb. Type	Length	Width	Ratio	SAED	EDS
Talc #1	E6-D7	F-Talc	9.3	1.4	6.6	Fibrous talc observed Trace throughout	

Analysis

Author: lab
Creation: 12/16/2018 1:31:50 PM
Sample Name: Talc

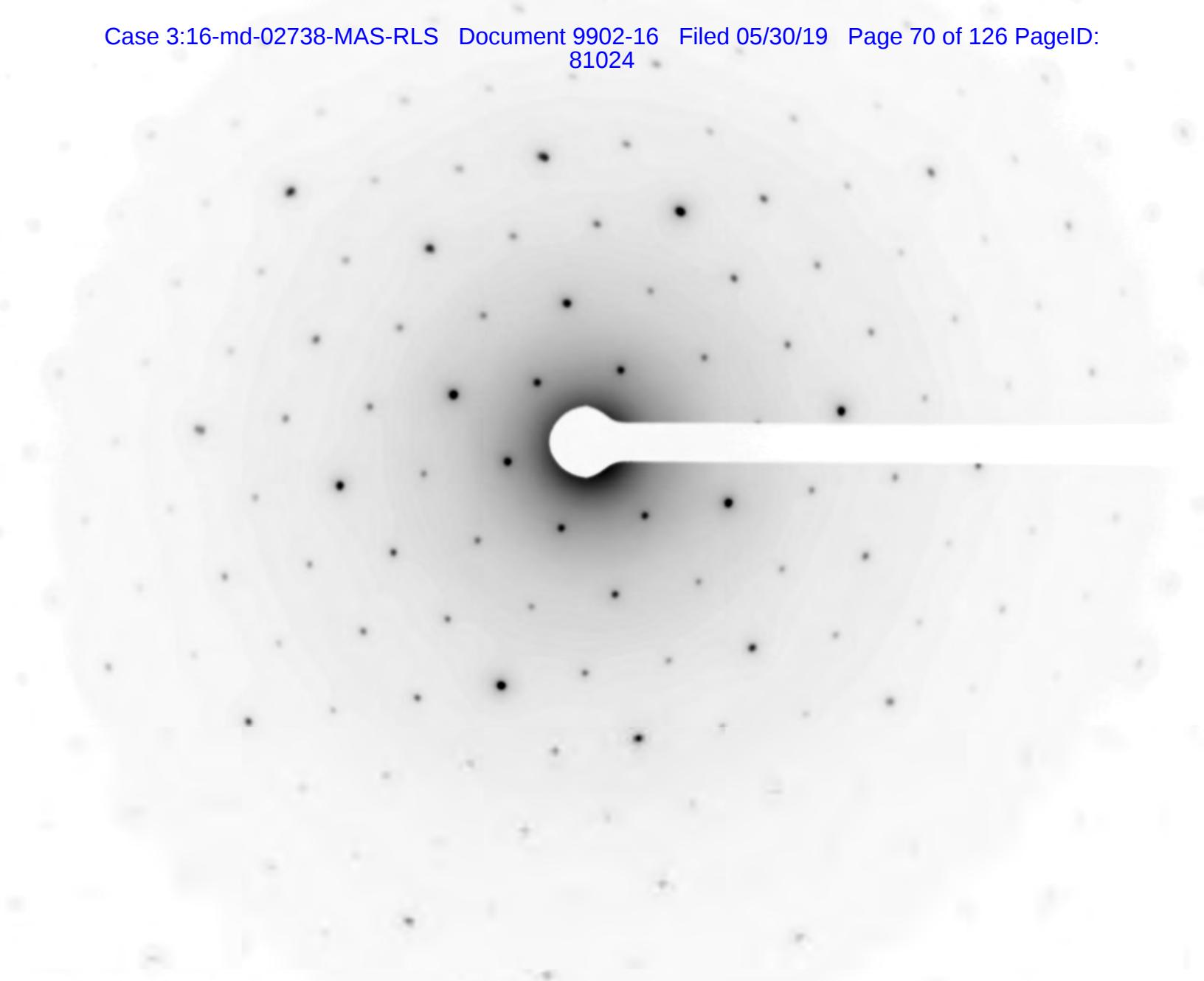
M69757-007-F-Talc #1

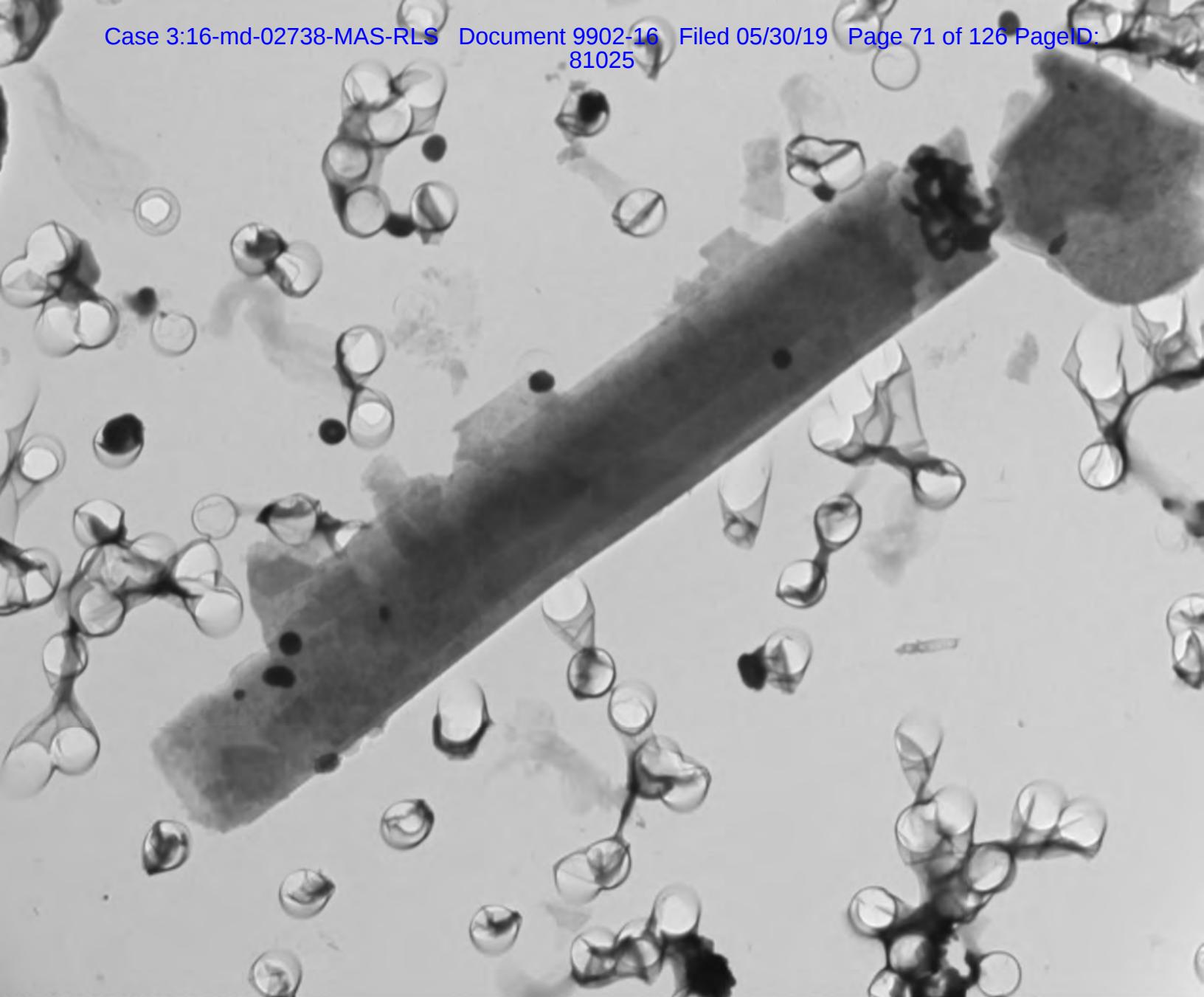
kV: 100 Mag: 10000 Takeoff: 1 Live Time(s): 300 Amp Time(μs): 3.84 Resolution:(eV) 131.8



Lsec: 300.0 242 Cnts 4.350 keV Det: Apollo XLT2 SUTW

M69757-007-F-Talc #1 Diffraction.tif
Diffraction @ 50cm
13:24 12/16/2018





M69757-007-F-Talc #1 Image.tif
(9.3um x 1.4um)
13:32 12/16/2018

Section 5

MAS, LLC
PLM ANALYSIS

Proj#-Spl# M69751 - 039ISO Analyst Paul Hess Date 12/13/2018
ClientName Beasley, Allen, Crow, Methvin, Portis & Miles ClientSpl 20180320-01A
Location _____
Type_Mat Talc
Gross Off-white powder % of Sample 100
Visual _____

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	<input type="text"/>
Pleochroism	<input type="text"/>
Refract Index	<input type="text"/>
Sign^	<input type="text"/>
Extinction	<input type="text"/>
Birefringence	<input type="text"/>
Melt	<input type="text"/>
Fiber Name	<input type="text"/>

ASBESTOS MINERALS

EST. VOL. %

NO ASBESTOS OBSERVED

Chrysotile.....
Amosite.....
Crocidolite.....
Tremolite/Actinolite.....
Anthophyllite.....

OTHER FIBROUS COMPONENTS

Talc -B/Y DS in 1.55 ***

NON FIBROUS COMPONENTS

Opacites X
Talc X
Mineral grains X

Binder Description _____

Comments *** Moderate amount fibrous Talc observed. X = Materials detected.

The method detection limit is 1% unless otherwise stated.

MAS, LLC
PLM ANALYSIS

Proj#-Spl# M69751 - 039BL Analyst Paul Hess Date 12/14/2018
ClientName Beasley, Allen, Crow, Methvin, Portis & Miles ClientSpl 20180320-01A
Location _____
Type_Mat Talc
Gross White debis on slide % of Sample 100
Visual _____

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology
Pleochroism
Refract Index
Sign^
Extinction
Birefringence
Melt
Fiber Name

ASBESTOS MINERALS

EST. VOL. %
NO ASBESTOS OBSERVED

Chrysotile.....
Amosite.....
Crocidolite.....
Tremolite/Actinolite.....
Anthophyllite.....

OTHER FIBROUS COMPONENTS

NON FIBROUS COMPONENTS

Opques	X
Talc	X
Mineral grains	X

Binder Description _____

Comments X = Materials detected.

The method detection limit is 1% unless otherwise stated.

TEM Bulk Talc Structure Count Sheet

TEM Bulk Talc Structure Count Sheet					
Project/ Sample No.	M69751-039	Grid Box #	8644	No. of Grids Counted	2
Analyst:	Jose Carrillo		Length	Width	G. O. Area
Date of Analysis	12/14/2018-12/15/18	G. O. in microns =	105	105	11025
Initial Weight(g)	0.04150		105	105	11025
Analysis Type	Post Separation Talc Analysis	Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted
1	Screen Magnification	20 KX	Area Examined mm ²		

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	A7-I1							
NSD	I2							
NSD	I3							
NSD	I4							
NSD	I5							
NSD	I6							
NSD	I7							
NSD	I8							
NSD	I9							
NSD	I10							
NSD	H1							
NSD	H2							
NSD	H3							
NSD	H4							
NSD	H5							
NSD	H6							
NSD	H7							
NSD	H8							
NSD	H9							
NSD	H10							
NSD	G1							
NSD	G2							
NSD	G3							
NSD	G4							
NSD	G5							
NSD	G6							
NSD	G7							
NSD	G8							
NSD	G9							
NSD	G10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							

TEM Bulk Talc Structure Count Sheet

TEM Bulk Talc Structure Count Sheet					
Project/ Sample No.	M69751-039	Grid Box #	8644	No. of Grids Counted	2
Analyst:	Jose Carrillo		Length	Width	G. O. Area
Date of Analysis	12/14/2018-12/15/18	G. O. in microns =	105	105	11025
Initial Weight(g)	0.04150		105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted
1	Screen Magnification	20 KX	Area Examined mm ²		

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	B7-J1							
NSD	J2							
NSD	J3							
NSD	J4							
NSD	J5							
NSD	J6							
NSD	J7							
NSD	J8							
NSD	J9							
NSD	J10							
NSD	I1							
NSD	I2							
NSD	I3							
NSD	I4							
NSD	I5							
NSD	I6							
NSD	I7							
NSD	I8							
NSD	I9							
NSD	I10							
NSD	G1							
NSD	G2							
NSD	G3							
NSD	G4							
NSD	G5							
NSD	G6							
NSD	G7							
NSD	G8							
NSD	G9							
NSD	G10							
NSD	F1							
NSD	F2							
NSD	F3							
NSD	F4							
NSD	F5							
NSD	F6							
NSD	F7							
NSD	F8							
NSD	F9							
NSD	F10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							

TEM Bulk Talc Structure Count Sheet					
Project/ Sample No.	M69751-039		Grid Box #	8644	No. of Grids Counted
Analyst:	Jose Carrillo		Length	Width	G. O. Area
Date of Analysis	12/14/2018-12/15/18		105	105	11025
Initial Weight(g)	0.04150		G. O. in microns =	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted
1	Screen Magnification	20 KX	Area Examined mm ²		

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS

Org. Sample Wt.	Sample Wt. Post HL Separation
0.04150	0.04150 g
Percent of Orig. Post Separation	100 (%)
Wt. Of Sample Analyzed	0.00022752 g
Filter size	201.1 mm ²
Number of Structures Counted	0 Str.
Structures per Gram of Sample	<4395 Str./g
	Detection Limit
	4.40E+03 Str./g
	Analytical Sensitivity
	4.40E+03 Str./g

TEM Bulk Talc Structure Count Sheet

Project/ Sample No.	M69751-039		Grid Box #	8644	No. of Grids Counted	2
Analyst:	Jose Carrillo			Length	Width	G.O. Area
Date of Analysis	12/14/2018-12/15/18		G. O. in microns =	105	105	105
Initial Weight(g)	0.04150			105	105	105
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted	100
1	Screen Magnification	20 KX	Area Examined mm²			1.103

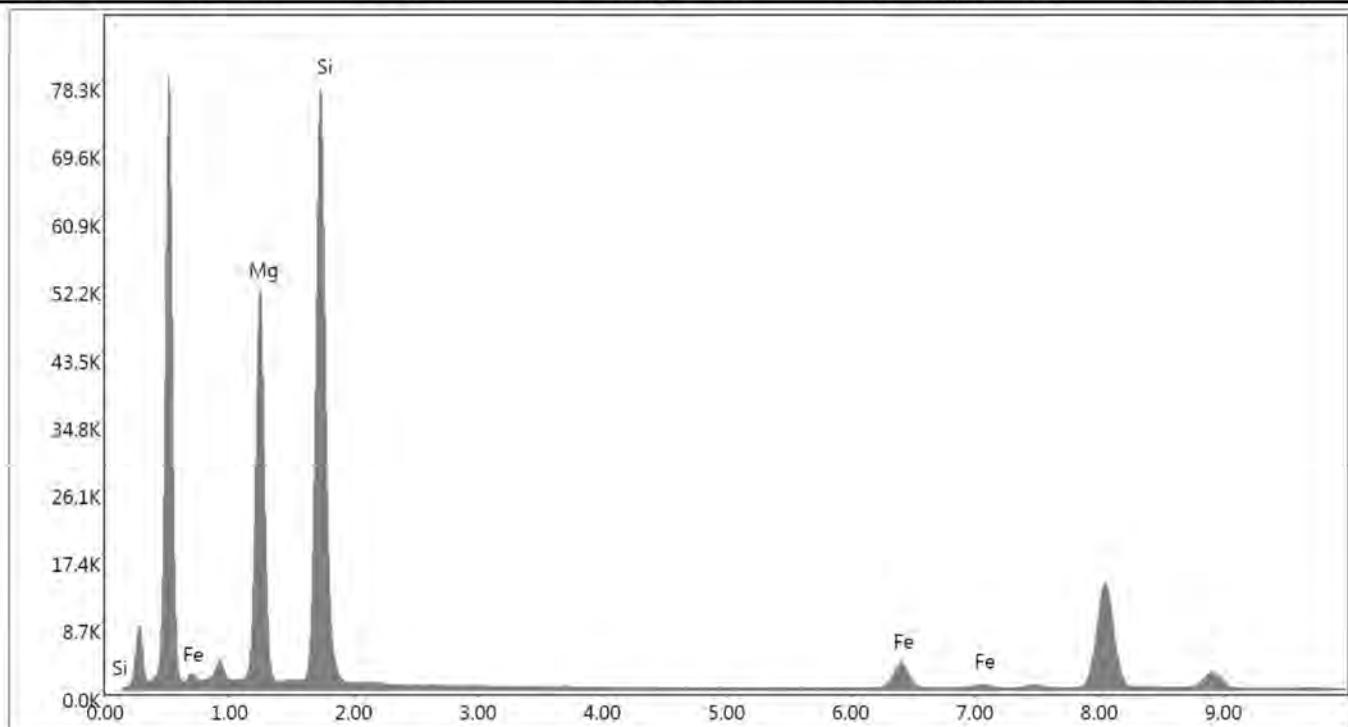
Str. #	Grid Opening	Str./Asb. Type	Length	Width	Ratio	SAED	EDS
Talc #1	B7-G10	Fibrous Talc	17.2	3.2	5.4	Fibrous talc observed Trace throughout	

Analysis

Author: lab
Creation: 12/15/2018 2:05:45 PM
Sample Name: Talc

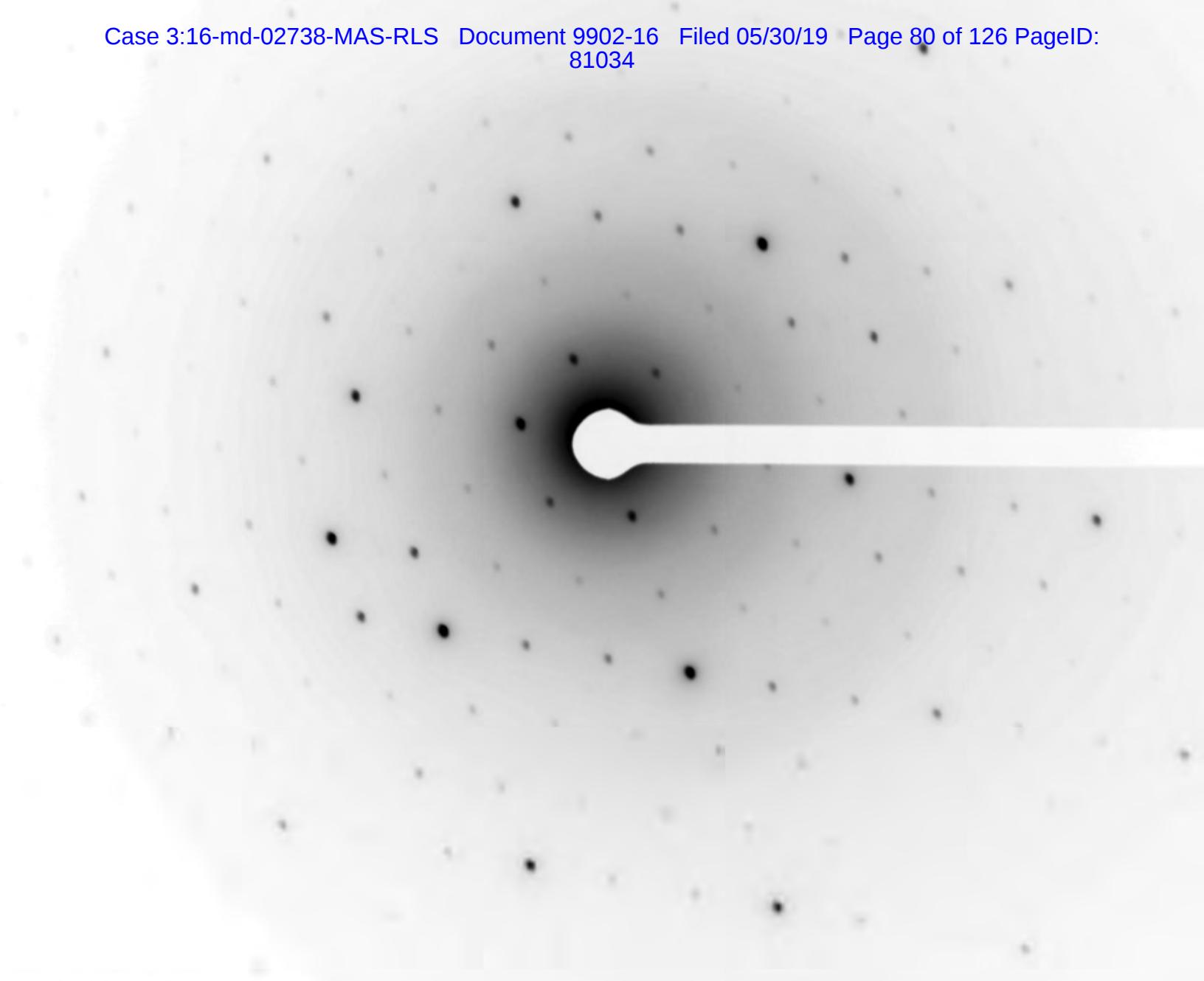
M69751-039-F-Talc #1

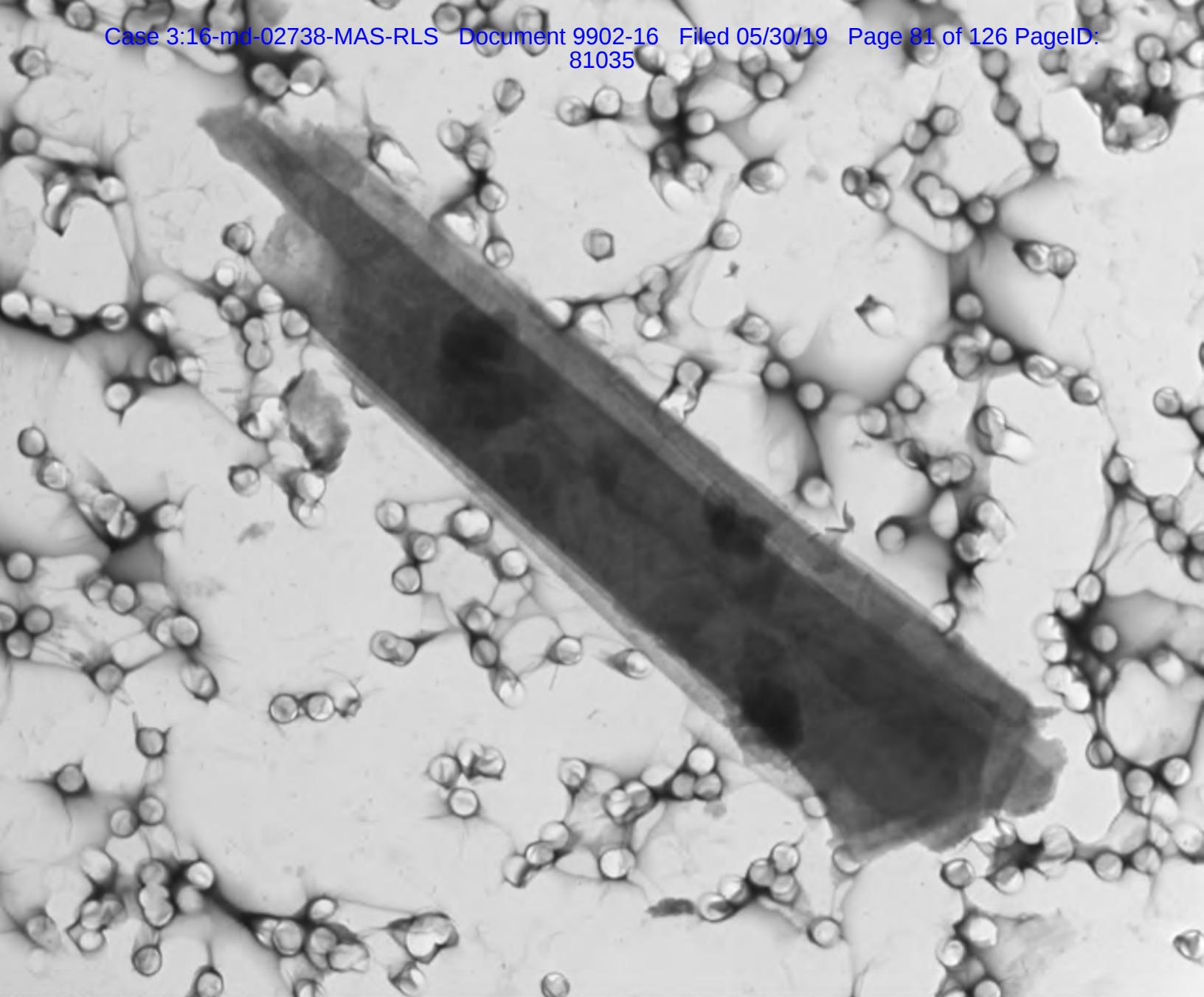
kV: 100 Mag: 10000 Takeoff: 1 Live Time(s): 300 Amp Time(μs): 3.84 Resolution:(eV) 131.8



Lsec: 300.0 498 Cnts 3.600 keV Det: Apollo XLT2 SUTW

M69751-039-F-Talc #1 Diffraction.tif
Diffraction @ 50cm
13:57 12/15/2018





M69751-039-F-Talc #1 Image.tif
(17.2um x 3.2um)
14:05 12/15/2018

Section 6

MAS, LLC
PLM ANALYSIS

Proj#-Spl#	M69751 - 040ISO	Analyst	Paul Hess	Date	12/14/2018
ClientName	Beasley, Allen, Crow, Methvin, Portis & Miles		ClientSpl	20180320-13A	
Location					
Type_Mat	Talc				
Gross	Off-white powder	% of Sample 100			
Visual					

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	
Pleochroism	
Refract Index	
Sign^	
Extinction	
Birefringence	
Melt	
Fiber Name	

ASBESTOS MINERALS

EST. VOL. %
NO ASBESTOS OBSERVED

Chrysotile.....
Amosite.....
Crocidolite.....
Tremolite/Actinolite.....
Anthophyllite.....

OTHER FIBROUS COMPONENTS

Talc -B/Y DS in 1.55 ***

NON FIBROUS COMPONENTS

Opales X
Talc X
Mineral grains X

Binder Description _____

Comments *** Moderate amount fibrous Talc observed. X = Materials detected.

The method detection limit is 1% unless otherwise stated.

MAS, LLC
PLM ANALYSIS

Proj#-Spl# M69751 - 040BL Analyst Paul Hess Date 12/15/2018
ClientName Beasley, Allen, Crow, Methvin, Portis & Miles ClientSpl 20180320-13A
Location _____
Type_Mat Talc
Gross White debris on slide % of Sample 100
Visual _____

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	straight
Pleochroism	none
Refract Index	1.633/1.616
Sign^	positive
Extinction	oblique
Birefringence	medium
Melt	no
Fiber Name	Actinolite/Tremolite

ASBESTOS MINERALS

EST. VOL. %

Chrysotile.....
Amosite.....
Crocidolite.....
Tremolite/Actinolite..... < 0.1
Anthophyllite.....

OTHER FIBROUS COMPONENTS

NON FIBROUS COMPONENTS

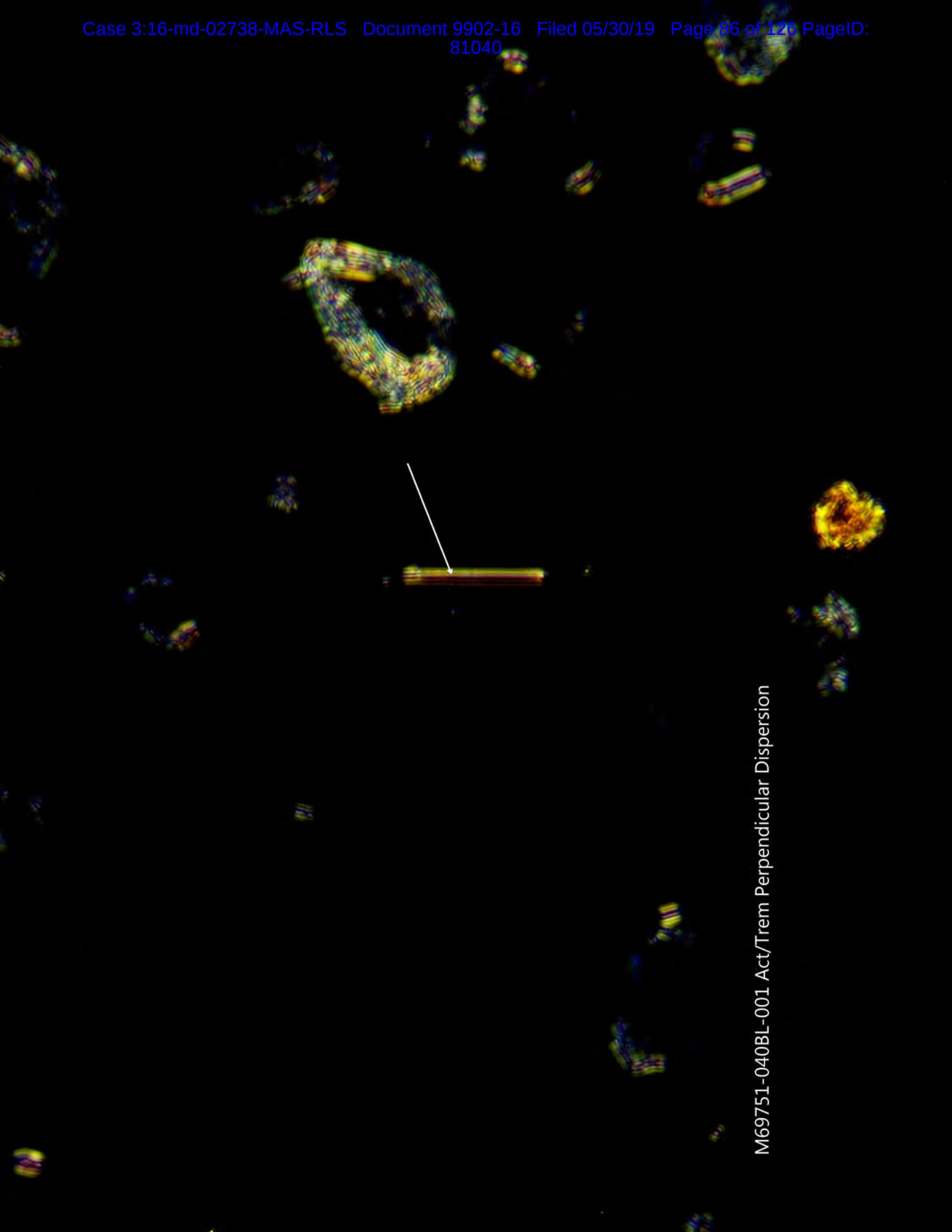
Opales X
Talc X
Mineral grains X

Binder Description _____

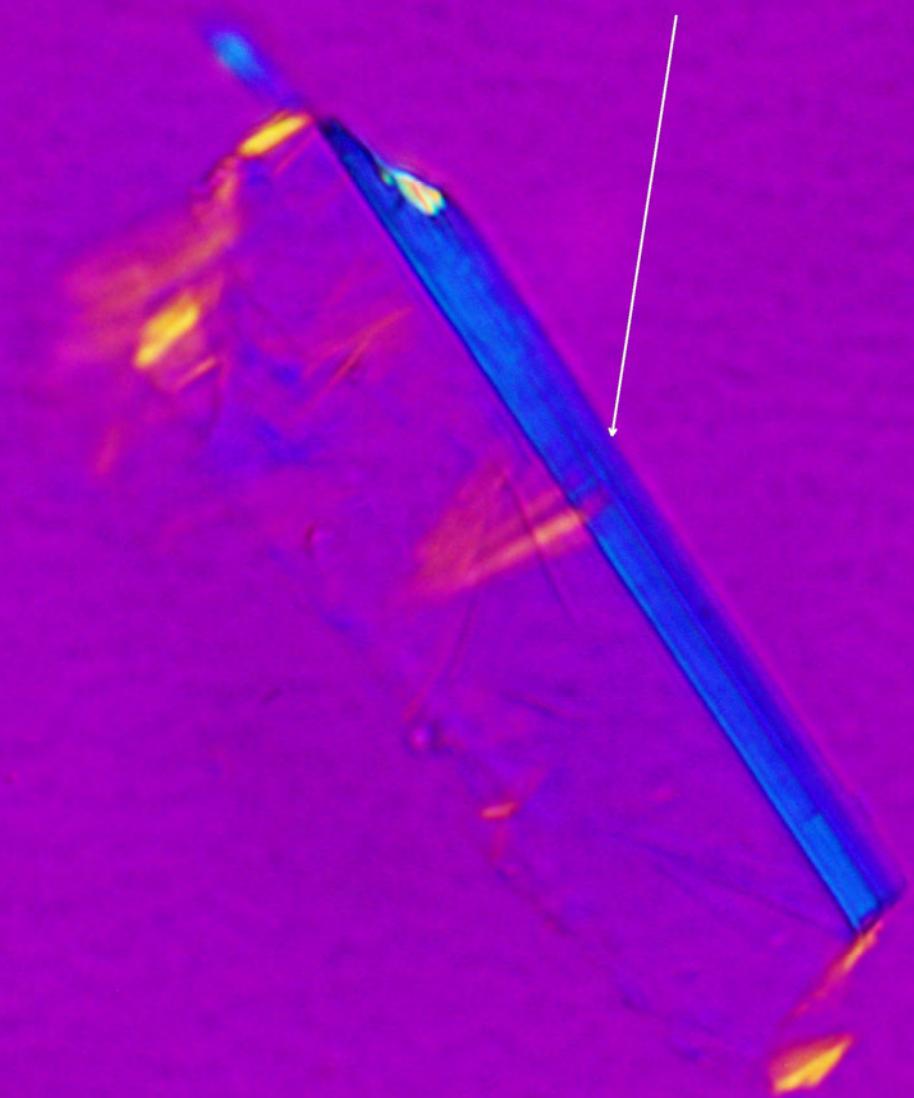
Comments Actinolite/Tremolite cleavage fragments particles observed. X = Materials detected.

The method detection limit is 1% unless otherwise stated.

MM69751-040BL-001 Act/Trem Parallel Dispersion 1.605 RI. @ 100X



M69751-040BL-001 Act/Trem Perpendicular Dispersion



M69751-040BL-001 Act/Trem Elongation @ 400X



M69751-040BL-001 Act/Trem Crossed Polars

TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M69751-040	Grid Box #	8645	No. of Grids Counted	2	
Analyst:	Jayme Callan		Length	Width	G. O. Area	
Date of Analysis	12/17/2018	G. O. in microns =	105	105	11025	
Initial Weight(g)	0.04056		105	105	11025	
Analysis Type	Post Separation Talc Analysis	Grid Acceptance	Yes	Average	11025	
Scope No.	Accelerating Voltage	100 KV	Loading%	G.O.s Counted	100	
3	Screen Magnification	20 KX	Area Examined mm ²			1.103

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	A5-A1							
NSD	A2							
NSD	A3							
NSD	A4							
NSD	A5							
NSD	A6							
NSD	A7							
NSD	A8							
NSD	A9							
NSD	A10							
NSD	B1							
NSD	B2							
NSD	B3							
1	B4	Bundle	Anthophyllite	7.4	0.62	11.9	X	X
2	B5	Bundle	Anthophyllite	14.9	0.74	20.1	X	X
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							
NSD	C1							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D9							
NSD	D10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							
NSD	F1							
NSD	F2							

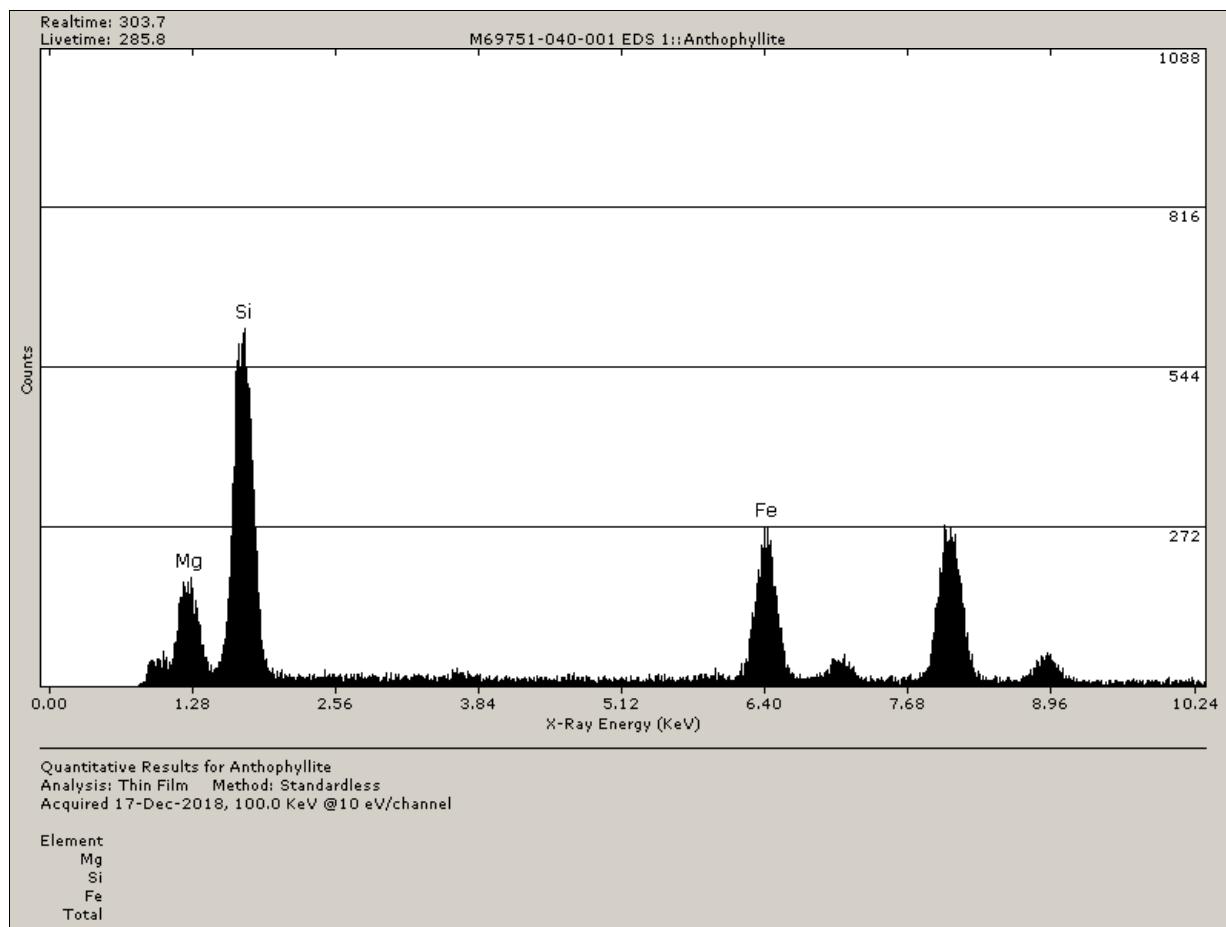
TEM Bulk Talc Structure Count Sheet						
Project/ Sample No.	M69751-040	Grid Box #	8645	No. of Grids Counted	2	
Analyst:	Jayme Callan		Length	Width	G. O. Area	
Date of Analysis	12/17/2018	G. O. in microns =	105	105	11025	
Initial Weight(g)	0.04056		105	105	11025	
Analysis Type	Post Separation Talc Analysis	Grid Acceptance	Yes	Average	11025	
Scope No.	Accelerating Voltage	100 KV	Loading%	G.O.s Counted	100	
3	Screen Magnification	20 KX	Area Examined mm ²			1.103

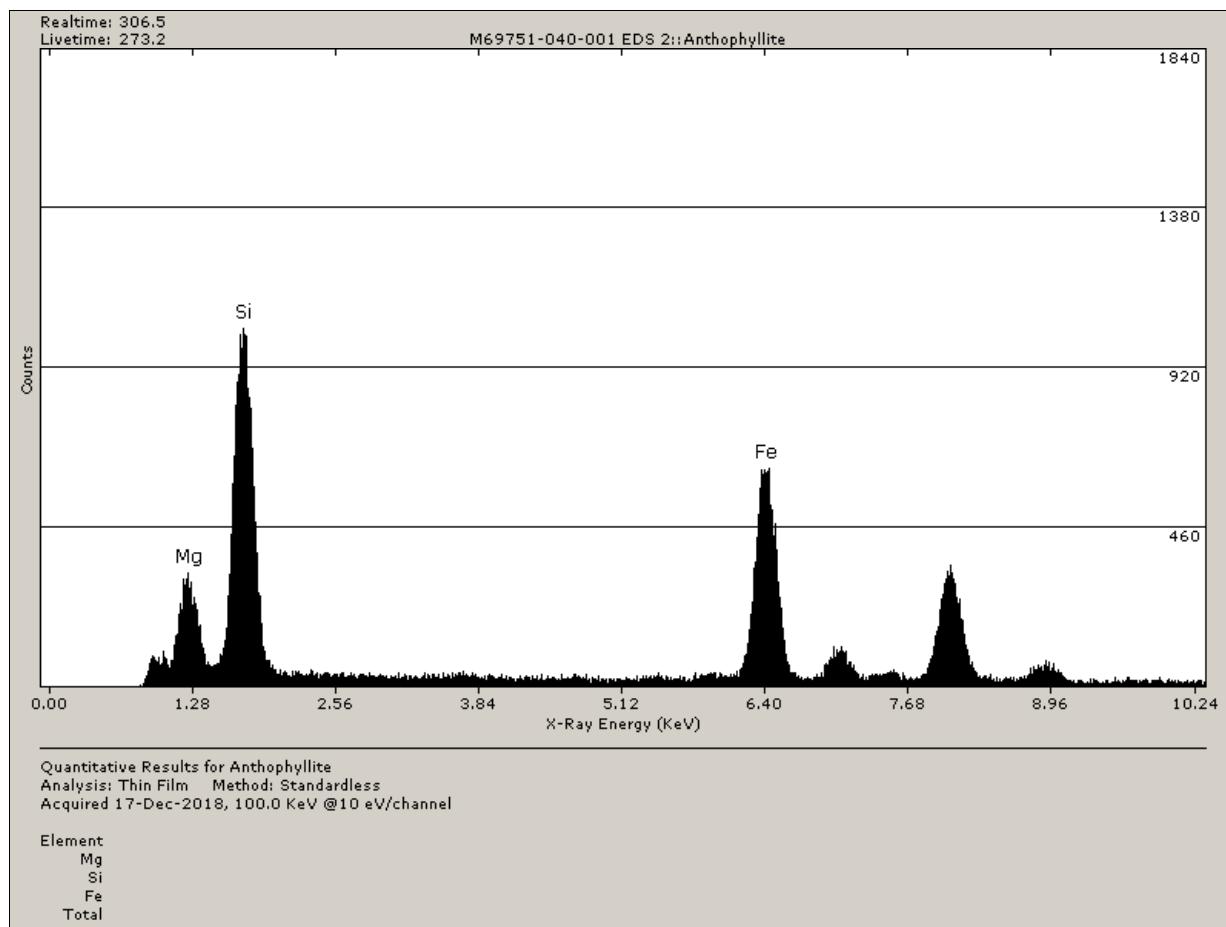
Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	A4-A3							
NSD	A4							
NSD	A5							
NSD	A6							
NSD	A7							
NSD	A8							
NSD	A9							
NSD	A10							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
3	B10	Bundle	Anthophyllite	6.72	0.62	10.8	X	X
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							
NSD	F4							
NSD	F5							
NSD	F6							
NSD	F7							
NSD	F8							
NSD	F9							
NSD	F10							
NSD	G4							
NSD	G5							
NSD	G6							
NSD	G7							
NSD	G8							
NSD	G9							
NSD	G10							
NSD	H5							
NSD	H6							
NSD	H7							
NSD	H8							

TEM Bulk Talc Structure Count Sheet					
Project/ Sample No.	M69751-040		Grid Box #	8645	No. of Grids Counted
Analyst:	Jayme Callan		Length	Width	G. O. Area
Date of Analysis	12/17/2018		G. O. in microns =	105	105
Initial Weight(g)	0.04056			105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average
Scope No.	Accelerating Voltage	100 KV	Loading%	18%	G.O.s Counted
3	Screen Magnification	20 KX	Area Examined mm ²		
Str. #	Grid Opening	Structure	Asbestos Type	Length	Width
		Ratio			
		SAED			
		EDS			

Org. Sample Wt.	Sample Wt. Post HL Separation
0.04056	0.04056 g
Percent of Orig. Post Separation	100 (%)
Wt. Of Sample Analyzed	0.00022236 g
Filter size	201.1 mm ²
Number of Structures Counted	3 Str.
Structures per Gram of Sample	1.35E+04 Str./g

Detection Limit	4.50E+03 Str./g
Analytical Sensitivity	4.50E+03 Str./g

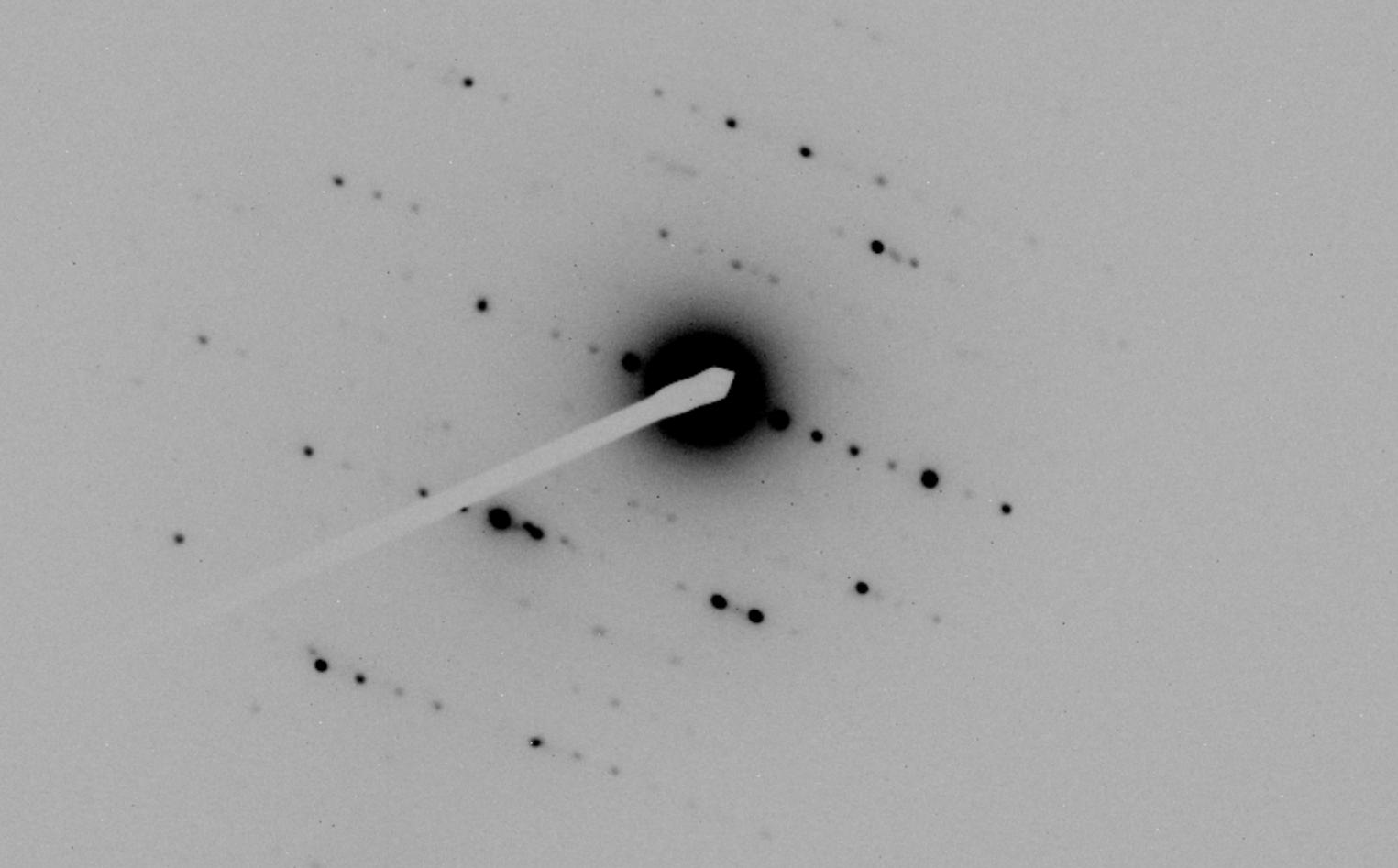






A grayscale X-ray diffraction pattern showing a central bright spot surrounded by a complex network of dark spots and diffuse rings, characteristic of mineral diffraction. A prominent horizontal white line is visible across the center of the pattern.

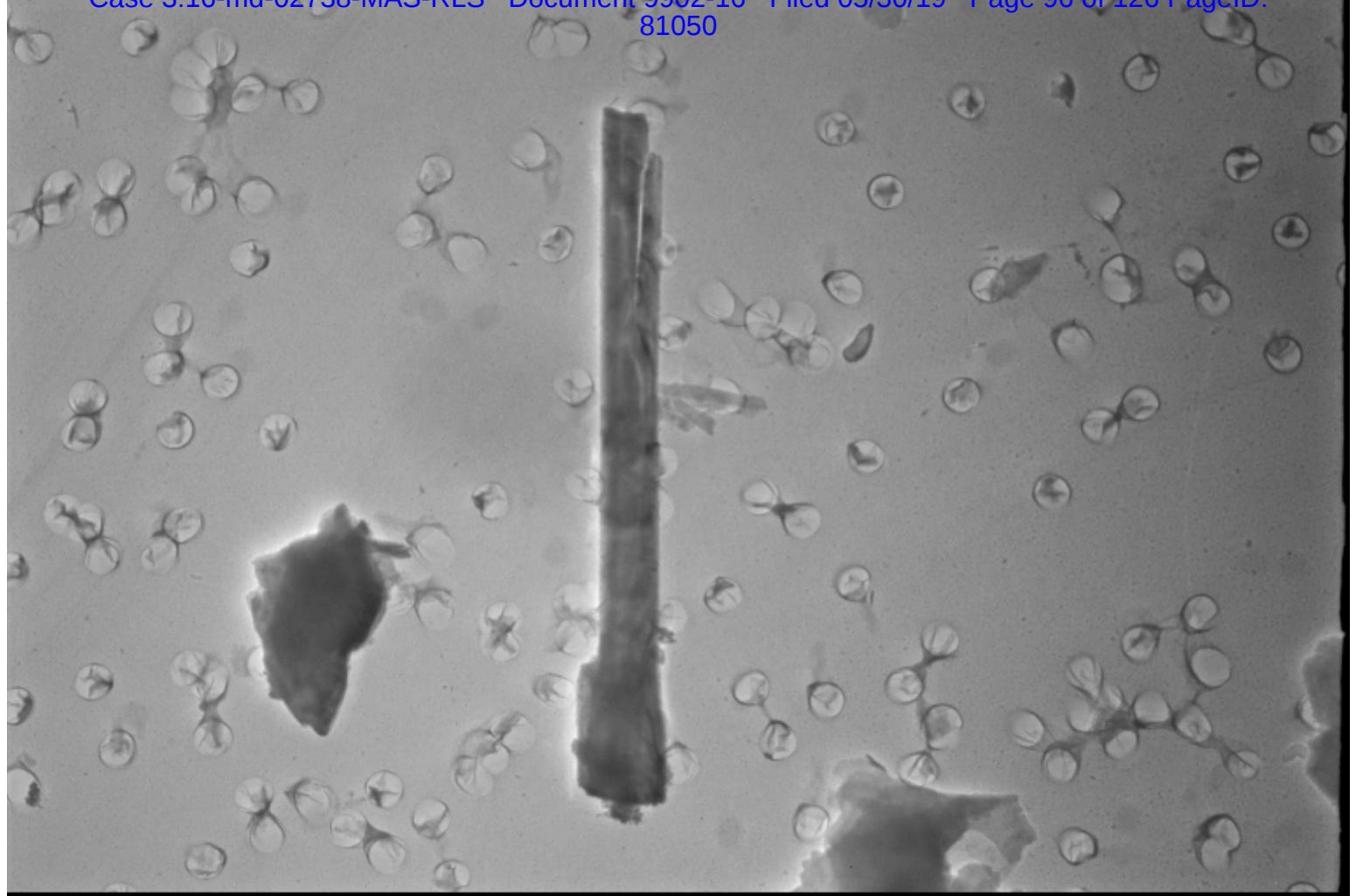
311056 M69751-040-001 Anthophyllite Diffraction - 1 @ 50cm 12/17/2018



311057

M69751-040-001 Anthophyllite Diffraction - 2 @ 50cm

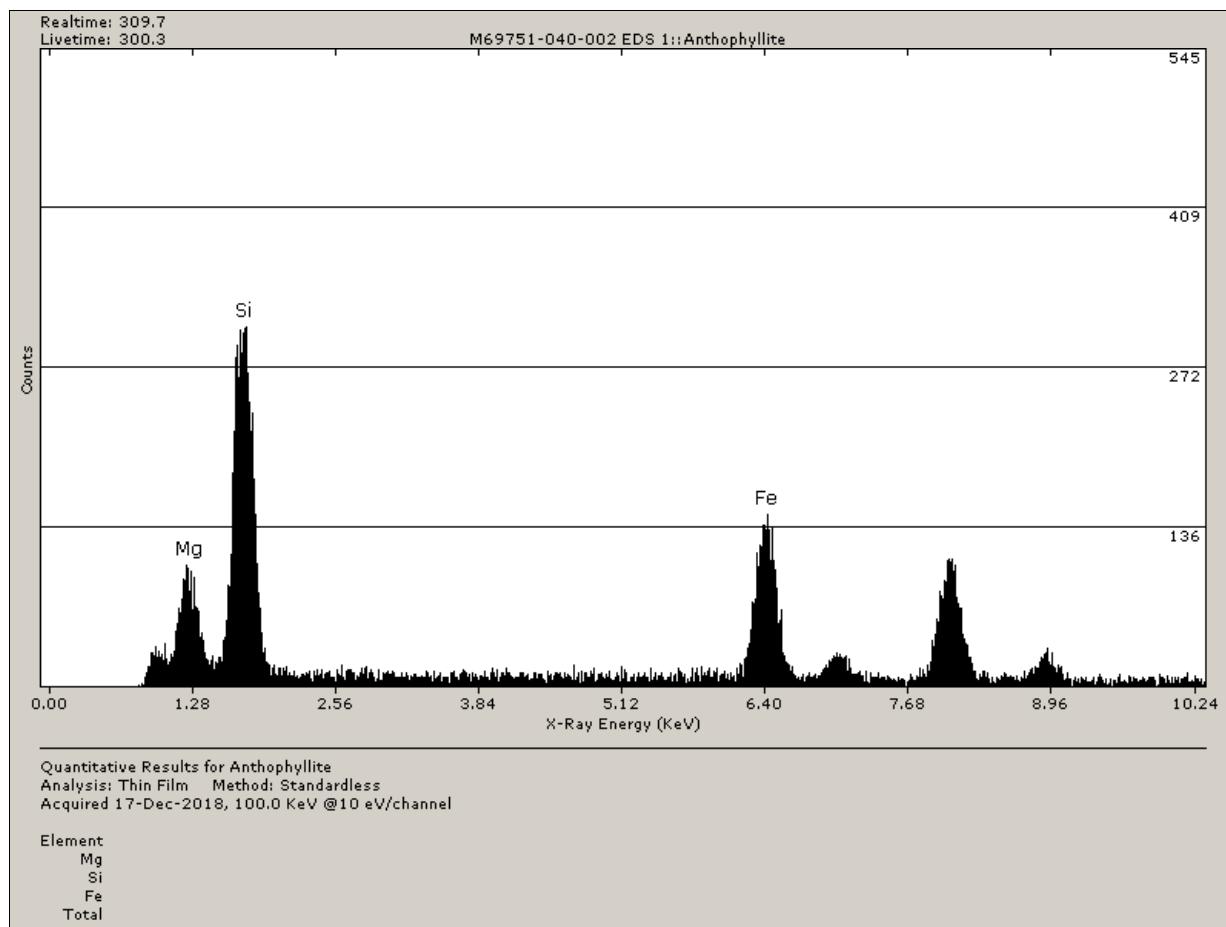
12/17/2018

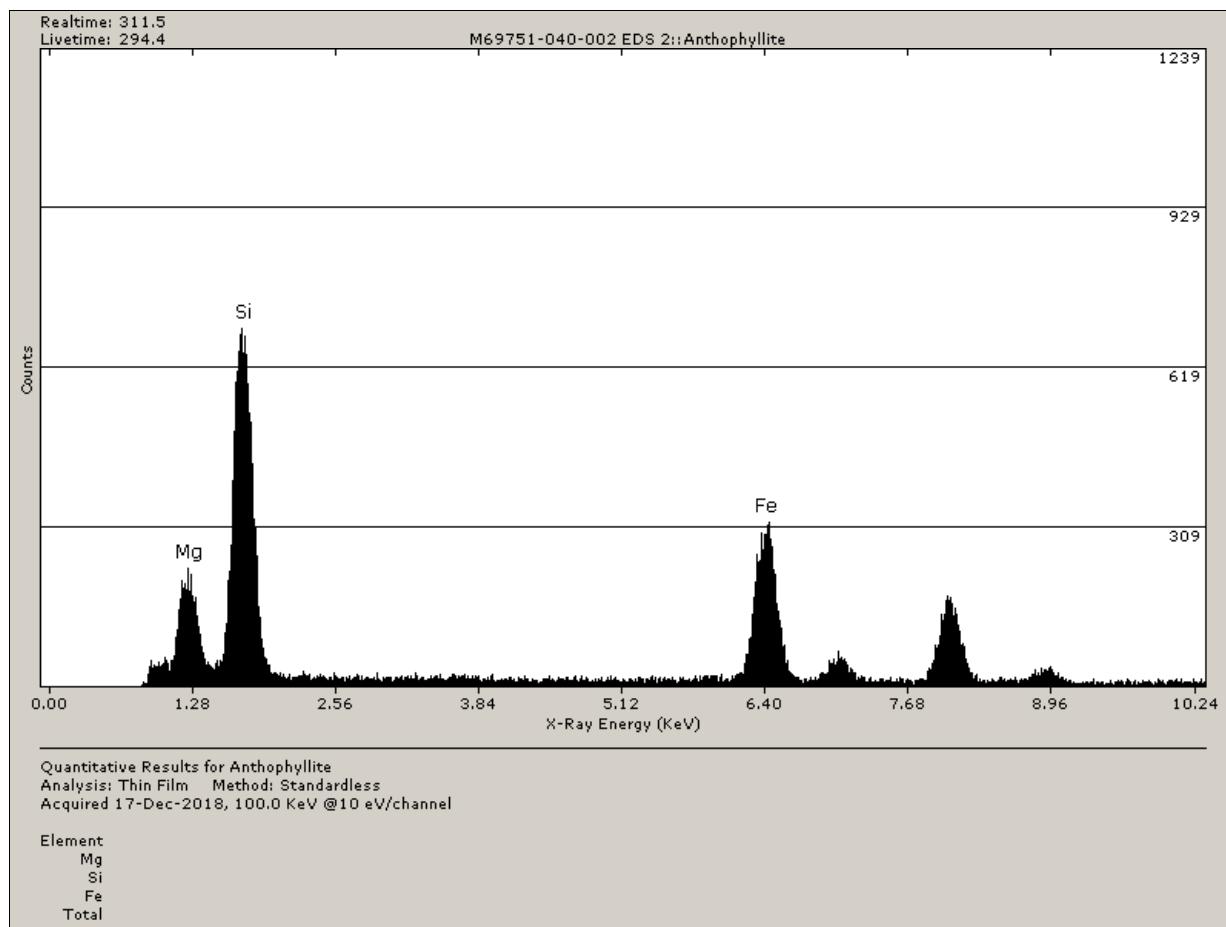


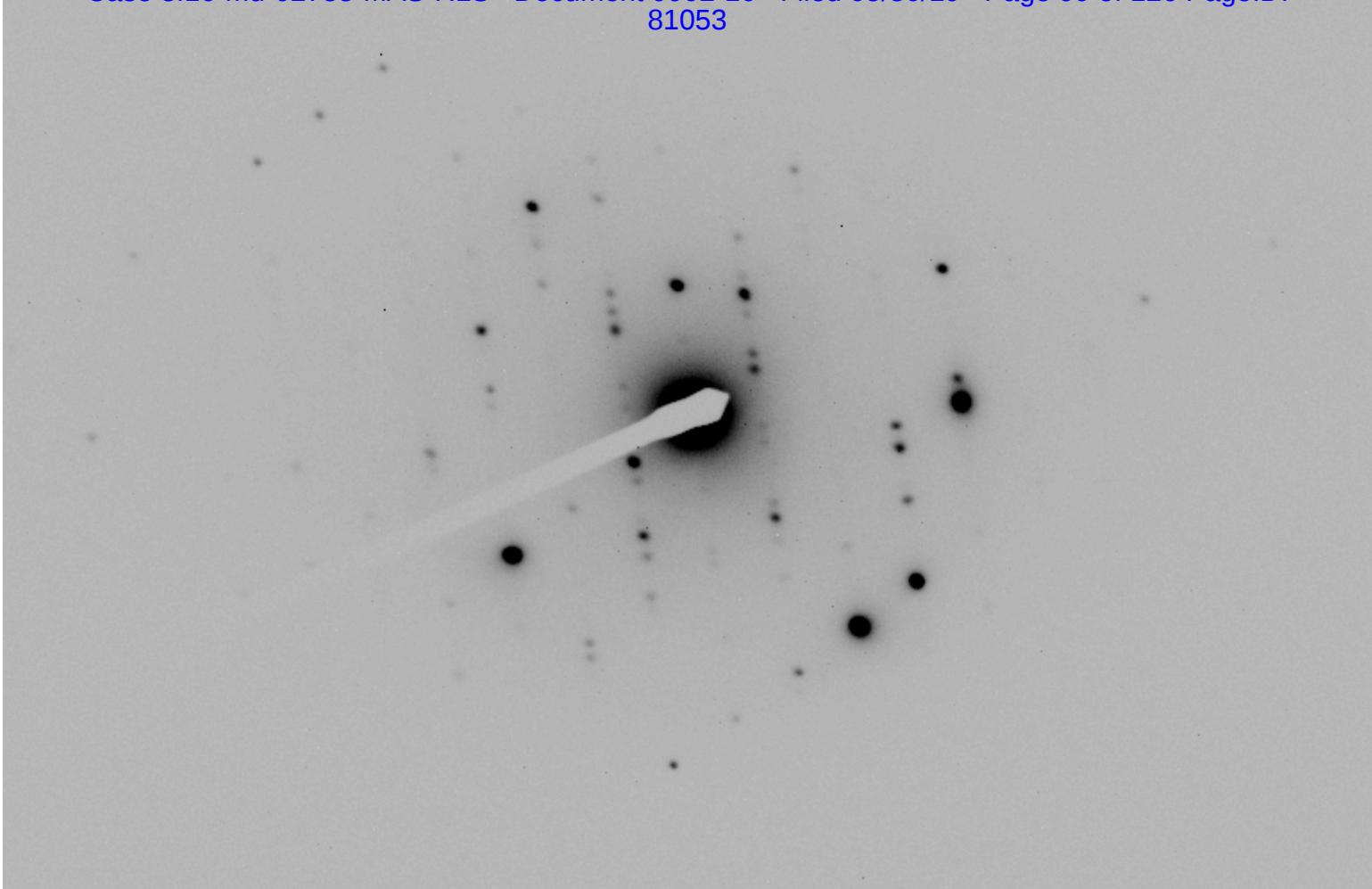
311058

M69751-040-001 Anthophyllite (7.40 um x 0.62 um)

12/17/2018



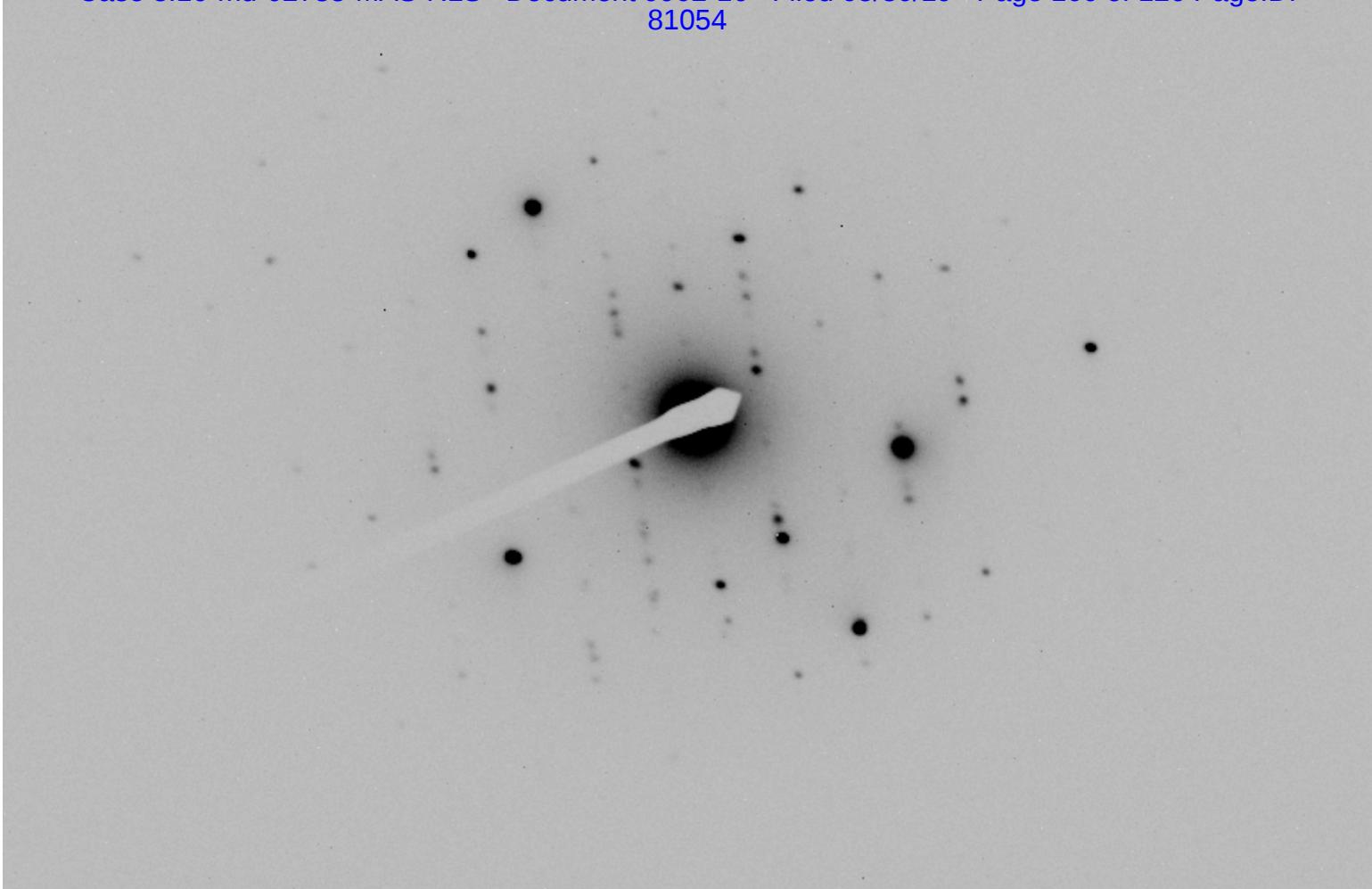




311061

M69751-040-002 Anthophyllite Diffraction - 1 @ 50cm

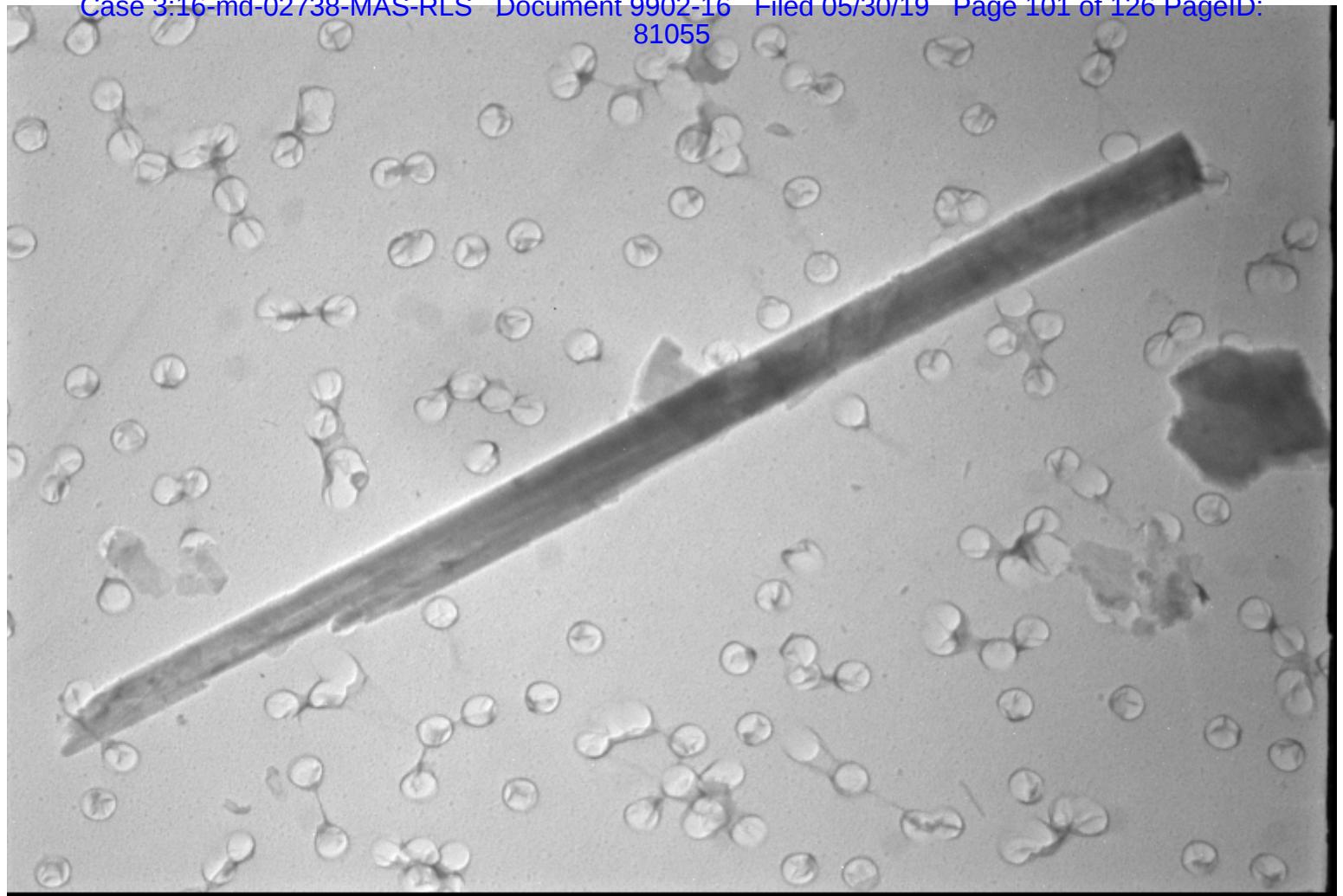
12/17/2018



311062

M69751-040-002 Anthophyllite Diffraction - 2 @ 50cm

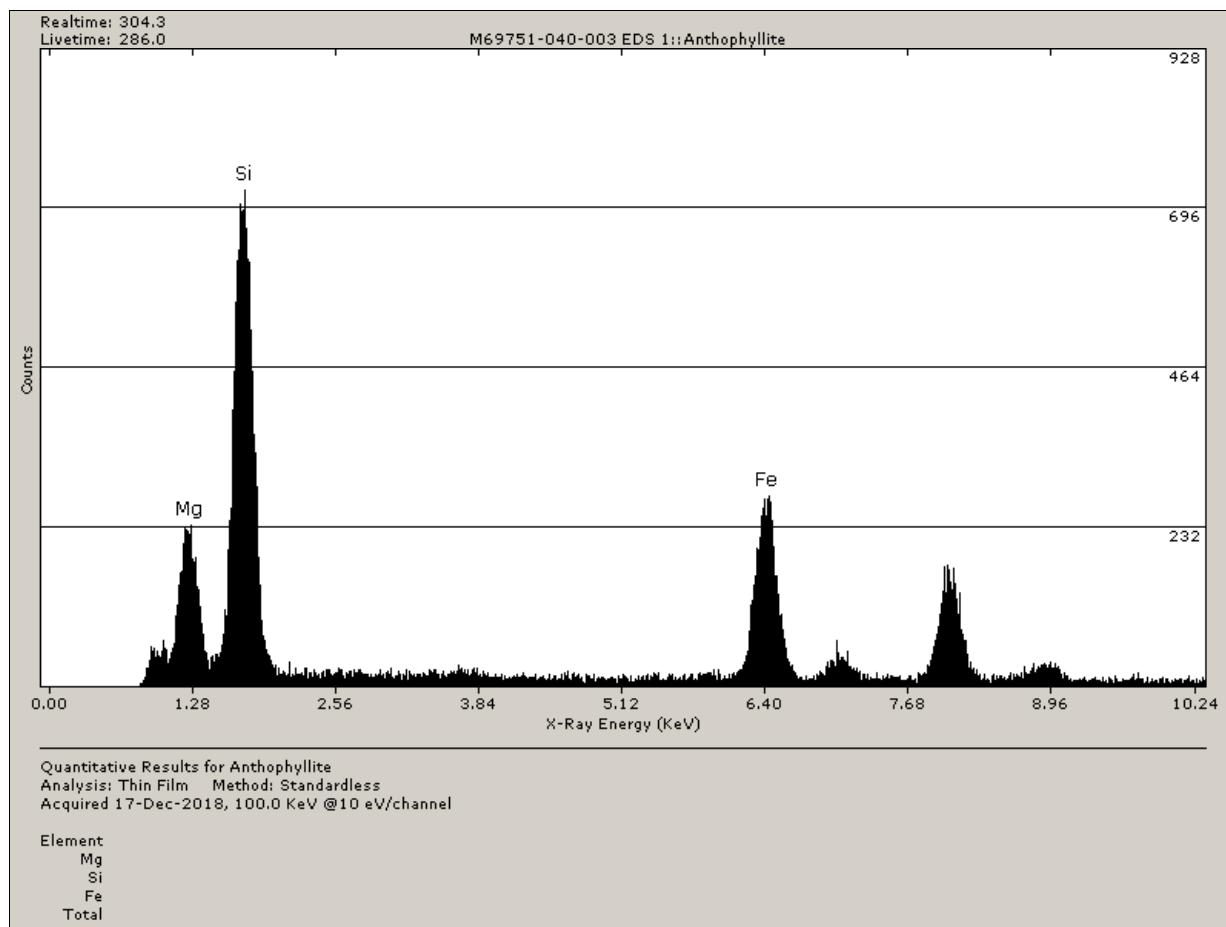
12/17/2018

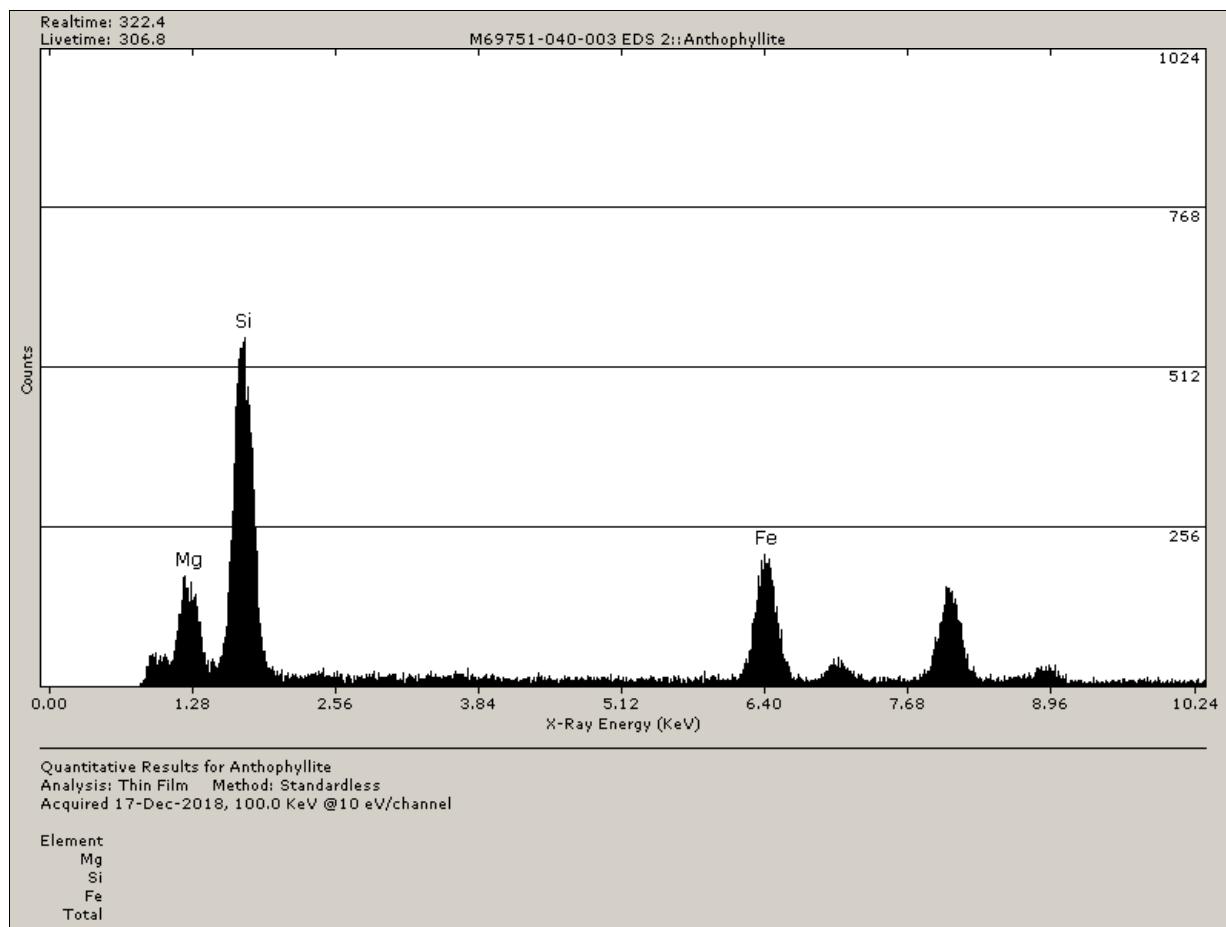


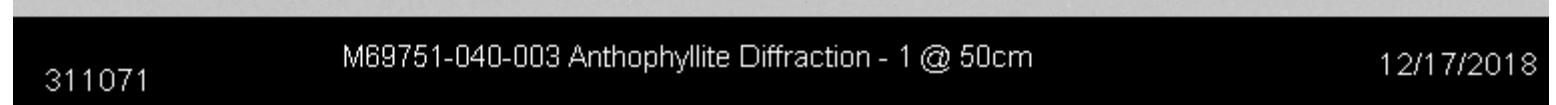
311067

M69751-040-002 Anthophyllite (14.90 um x 0.74 um)

12/17/2018



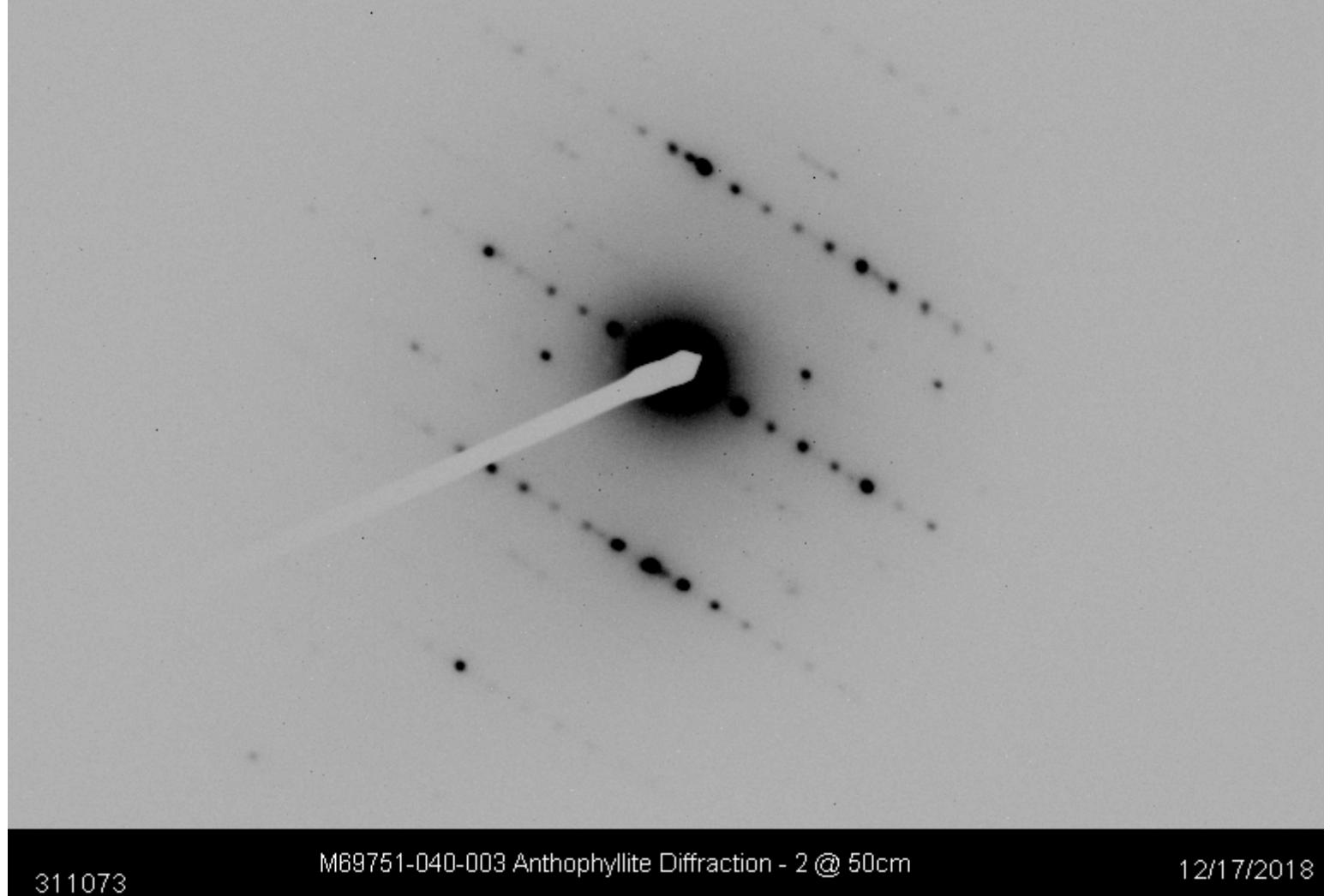




311071

M69751-040-003 Anthophyllite Diffraction - 1 @ 50cm

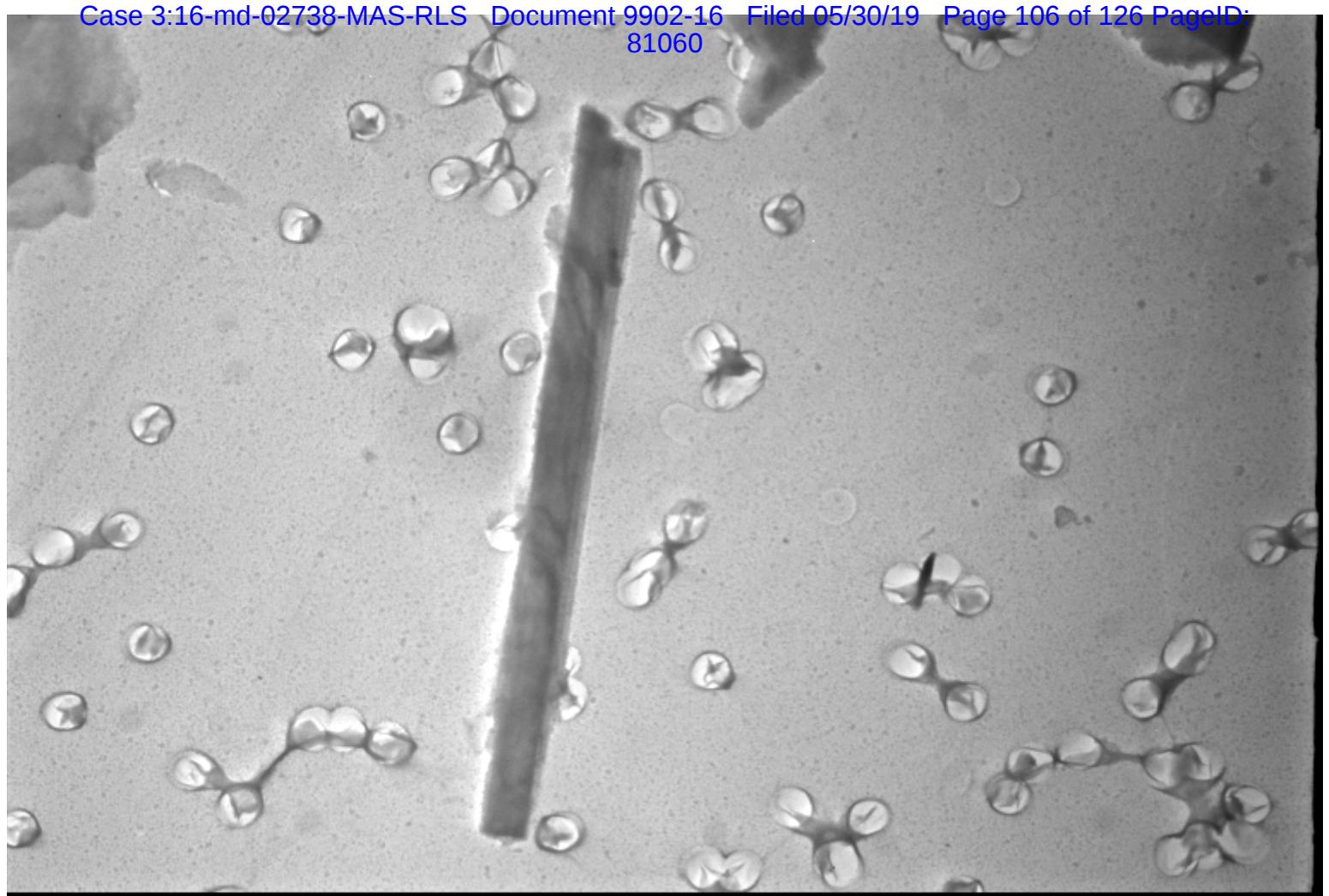
12/17/2018



311073

M69751-040-003 Anthophyllite Diffraction - 2 @ 50cm

12/17/2018



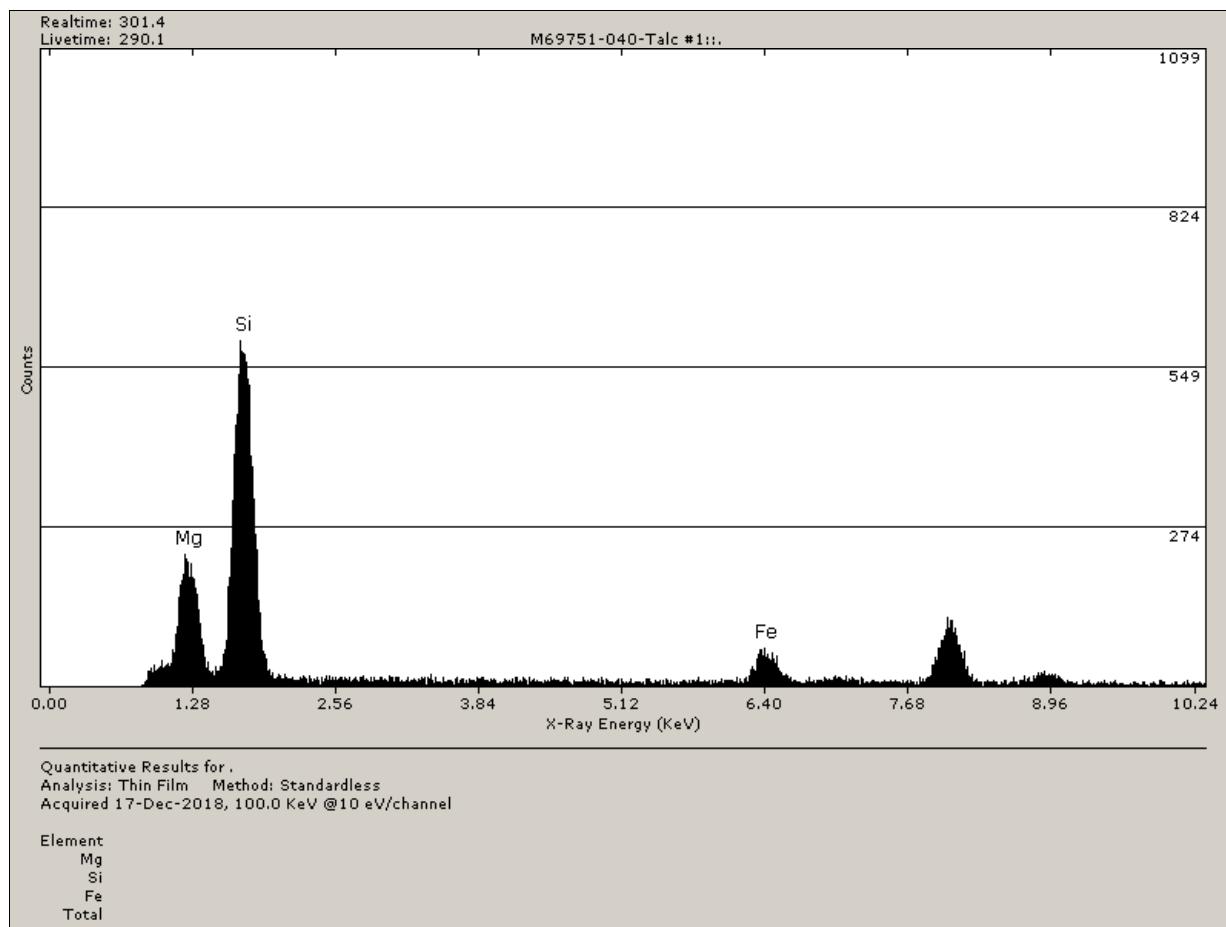
311075

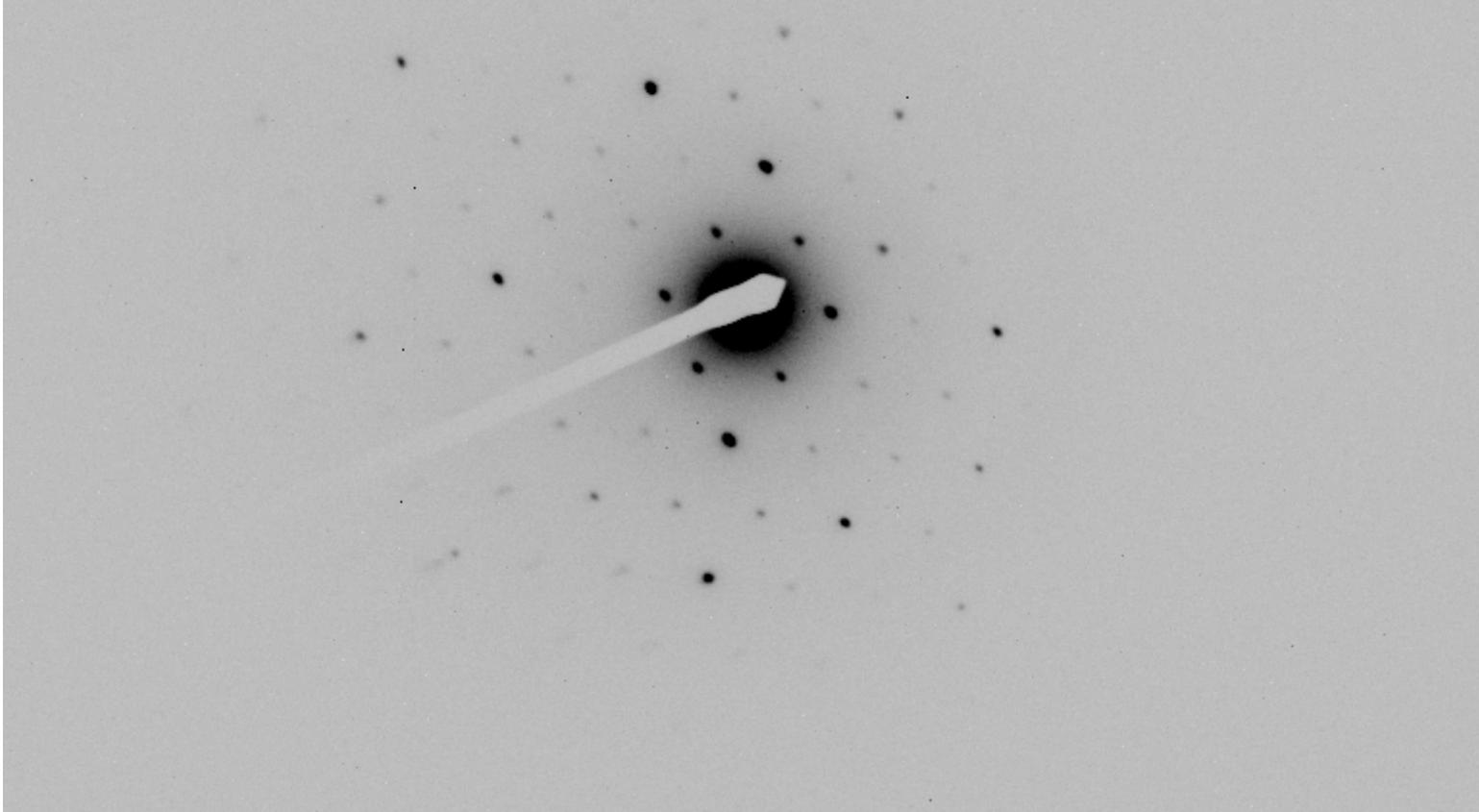
M69751-040-003 Anthophyllite (6.72 μm x 0.62 μm)

12/17/2018

TEM Bulk Talc Structure Count Sheet					
Project/ Sample No.	M69751-040	Grid Box #	8645	No. of Grids Counted	2
Analyst:	Jayme Callan		Length	Width	G.O. Area
Date of Analysis	12/17/2018	G. O. in microns =	105	105	105
Initial Weight(g)	0.04056		105	105	105
Analysis Type	Post Separation Talc Analysis	Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	18%	G.O.s Counted
3	Screen Magnification	20 KX	Area Examined mm ²		1.103

Str. #	Grid Opening	Str./Asb. Type	Length	Width	Ratio	SAED	EDS
Talc #1	A4-F6	Fibrous Talc	4.2	0.82	5.1	Fibrous talc observed Trace through out	





311078

M69751-040-Talc # 1 Diffraction @ 50cm

12/17/2018



311079

M69751-040-Talc # 1 (4.20 um x 0.82 um)

12/17/2018

Section 7

MAS, LLC
PLM ANALYSIS

Proj#-Spl# M68503- 016ISO Analyst Paul Hess Date 10/31/2018
ClientName Dept 14 Environmental ClientSpl 2018-0060-33A
Location _____
Type_Mat Johnson's Baby Powder
Gross Off-white powder % of Sample 100
Visual _____

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology			
Pleochroism			
Refract Index			
Sign^			
Extinction			
Birefringence			
Melt			
Fiber Name			

ASBESTOS MINERALS

EST. VOL. %

NO ASBESTOS OBSERVED

Chrysotile.....
Amosite.....
Crocidolite.....
Tremolite/Actinolite.....
Anthophyllite.....

OTHER FIBROUS COMPONENTS

Talc -B/Y DS in 1.55

NON FIBROUS COMPONENTS

Opaques
Talc
Mineral grains

X

X

X

Binder Description

Comments X = Materials detected. *** Trace amount fibrous Talc observed.

The method detection limit is 1% unless otherwise stated.

MAS, LLC
PLM ANALYSIS

Proj#-Spl# M68503- 016BL1 Analyst Paul Hess Date 10/25/2018
ClientName Dept 14 Environmental ClientSpl 2018-0060-33A
Location _____
Type_Mat Johnson's Baby Powder (100mg prep)
Gross White debris on slide % of Sample 100
Visual _____

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology			
Pleochroism			
Refract Index			
Sign^			
Extinction			
Birefringence			
Melt			
Fiber Name			

ASBESTOS MINERALS

EST. VOL. %

NO ASBESTOS OBSERVED

Chrysotile.....
Amosite.....
Crocidolite.....
Tremolite/Actinolite.....
Anthophyllite.....

OTHER FIBROUS COMPONENTS

Talc -B/Y DS in 1.55 ***

NON FIBROUS COMPONENTS

Opacites X
Talc X
Mineral grains X
Binder X

Binder Description _____

Comments X = Materials detected. *** Trace amount fibrous Talc observed.

The method detection limit is 1% unless otherwise stated.

TEM Bulk Talc Structure Count Sheet

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	D2-A1							
NSD	A2							
NSD	A3							
NSD	A4							
NSD	A5							
NSD	A6							
NSD	A7							
NSD	A8							
NSD	A9							
NSD	B1							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	F1							
NSD	F2							
NSD	F3							

TEM Bulk Talc Structure Count Sheet

TEM Bulk Talc Structure Count Sheet					
Project/ Sample No.	M68503-016	Grid Box #	8637	No. of Grids Counted	2
Analyst:	Elyse Stempinski		Length	Width	G. O. Area
Date of Analysis	10/29/2018 - 11/2/2018	G. O. in microns =	105	105	11025
Initial Weight(g)	0.02030		105	105	11025
Analysis Type	Post Separation Talc Analysis	Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted
3	Screen Magnification	20 KX	Area Examined mm ²		
			1.103		

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	E2-A1							
NSD	A2							
NSD	A3							
NSD	A4							
NSD	A5							
NSD	A6							
NSD	A7							
NSD	A8							
NSD	A9							
NSD	B1							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							
NSD	C1							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							
NSD	F1							

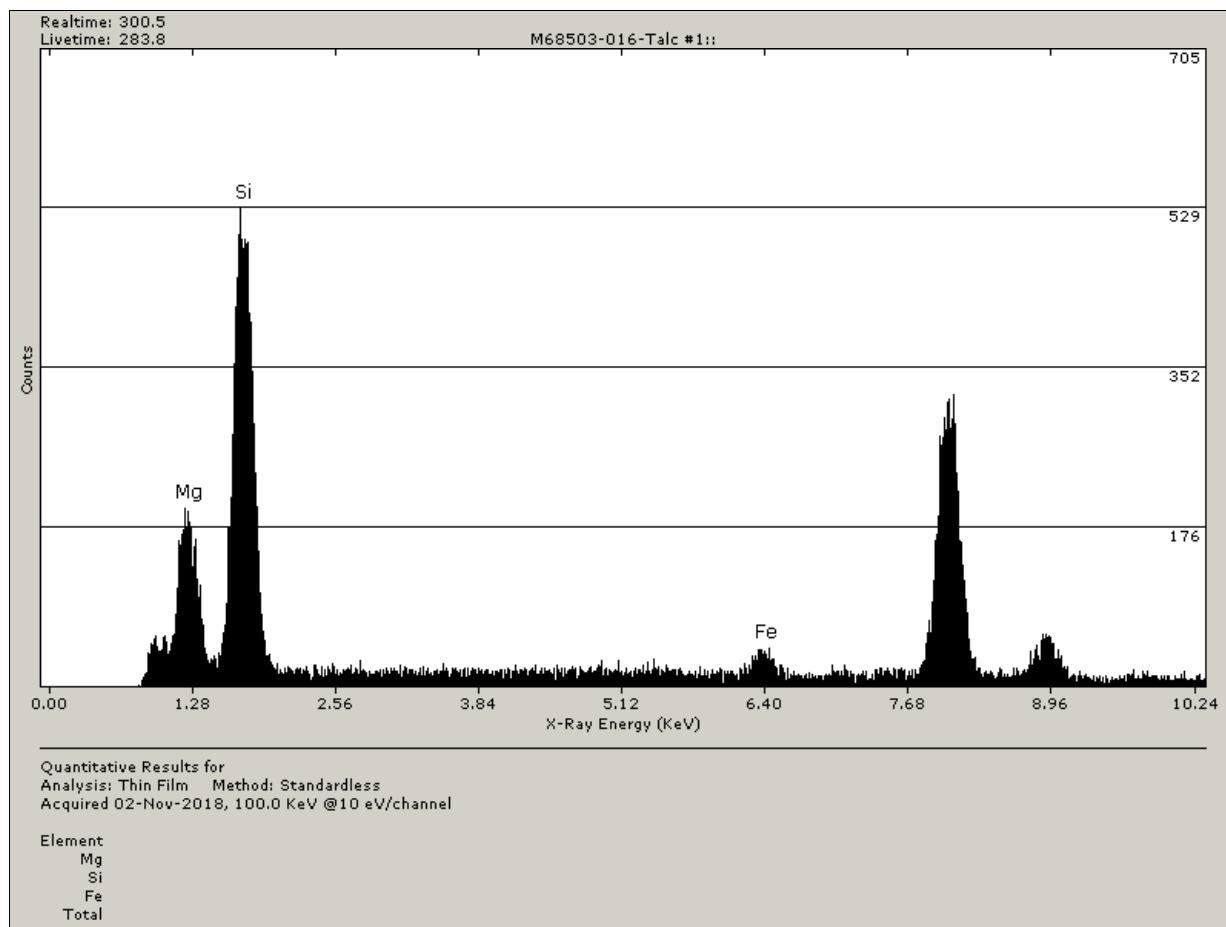
TEM Bulk Talc Structure Count Sheet					
Project/ Sample No.	M68503-016		Grid Box #	8637	No. of Grids Counted
Analyst:	Elyse Stempinski		Length	Width	G. O. Area
Date of Analysis	10/29/2018 - 11/2/2018		105	105	11025
Initial Weight(g)	0.02030		105	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted
3	Screen Magnification	20 KX	Area Examined mm ²		
Str. #	Grid Opening	Structure	Asbestos Type	Length	Width
				Ratio	SAED
					EDS

Org. Sample Wt.	Sample Wt. Post HL Separation
0.02030	0.02030 g
Percent of Orig. Post Separation	100 (%)
Wt. Of Sample Analyzed	0.00011129 g
Filter size	201.1 mm ²
Number of Structures Counted	0 Str.
Structures per Gram of Sample	<8985 Str./g

Detection Limit	8.99E+03	Str./g
Analytical Sensitivity	8.99E+03	Str./g

TEM Bulk Talc Structure Count Sheet					
Project/ Sample No.	M68503-016	Grid Box #	8637	No. of Grids Counted	2
Analyst:	Elyse Stempinski		Length	Width	G.O. Area
Date of Analysis	10/29/2018 - 11/2/2018	G. O. in microns =	105	105	105
Initial Weight(g)	0.02030		105	105	105
Analysis Type	Post Separation Talc Analysis	Grid Acceptance	Yes	Average	11025
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted
3	Screen Magnification	20 KX	Area Examined mm ²		1.103

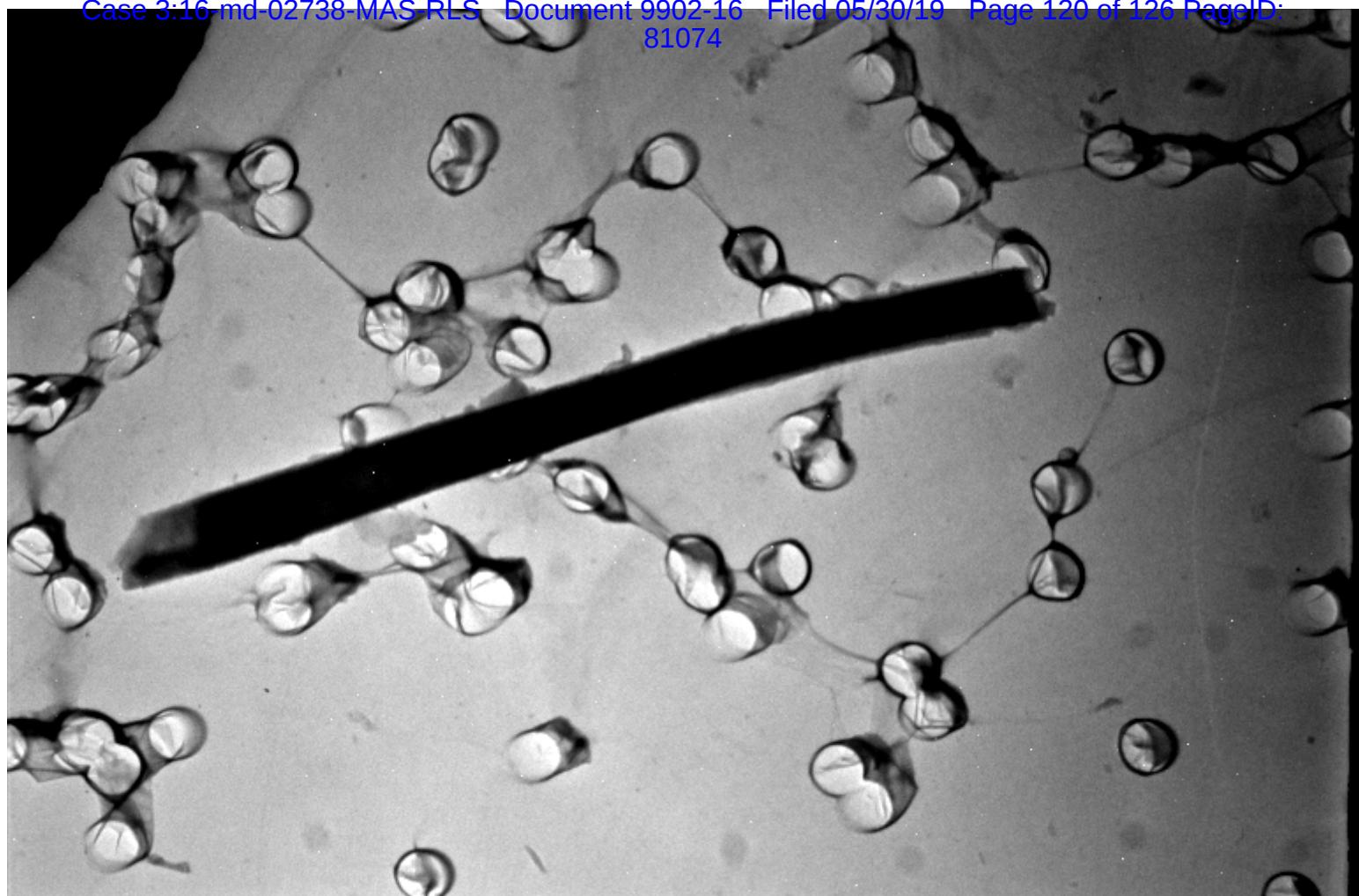
Str. #	Grid Opening	Str./Asb. Type	Length	Width	Ratio	SAED	EDS
Talc #1	D2-D1	Fibrous Talc	7.8	0.42	18.6	Fibrous Talc Observed	Trace Throughout



310724

M68503-016-Talc #1 Diffraction @ 50cm

11/2/2018



310720

M68503-016-Talc #1 (7.8 μm x 0.42 μm)

11/2/2018

Section 8

MAS, LLC
PLM ANALYSIS

Proj#-Spl# M69757 - 004ISO Analyst Paul Hess Date 12/13/2018
ClientName Beasley, Allen, Crow, Methvin, Portis & Miles ClientSpl 20180339-05A
Location _____
Type_Mat Talc
Gross Off-white powder % of Sample 100
Visual _____

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	_____	_____	_____
Pleochroism	_____	_____	_____
Refract Index	_____	_____	_____
Sign^	_____	_____	_____
Extinction	_____	_____	_____
Birefringence	_____	_____	_____
Melt	_____	_____	_____
Fiber Name	_____	_____	_____

ASBESTOS MINERALS

EST. VOL. %

NO ASBESTOS OBSERVED

Chrysotile..... _____
Amosite..... _____
Crocidolite..... _____
Tremolite/Actinolite..... _____
Anthophyllite..... _____

OTHER FIBROUS COMPONENTS

Talc -B/Y DS in 1.55 ***

NON FIBROUS COMPONENTS

Opaques X
Talc X
Mineral grains X

Binder Description _____

Comments *** Trace amount of fibrous Talc observed. X = Materials detected.

The method detection limit is 1% unless otherwise stated.

MAS, LLC
PLM ANALYSIS

Proj#-Spl# M69757 - 004BL Analyst Paul Hess Date 12/14/2018
ClientName Beasley, Allen, Crow, Methvin, Portis & Miles ClientSpl 20180339-05A
Location _____
Type_Mat Talc
Gross White debris on slide % of Sample 100
Visual _____

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	_____	_____	_____
Pleochroism	_____	_____	_____
Refract Index	_____	_____	_____
Sign^	_____	_____	_____
Extinction	_____	_____	_____
Birefringence	_____	_____	_____
Melt	_____	_____	_____
Fiber Name	_____	_____	_____

ASBESTOS MINERALS

EST. VOL. %

NO ASBESTOS OBSERVED

Chrysotile..... _____
Amosite..... _____
Crocidolite..... _____
Tremolite/Actinolite..... _____
Anthophyllite..... _____

OTHER FIBROUS COMPONENTS

_____ _____
_____ _____
_____ _____
_____ _____
_____ _____

NON FIBROUS COMPONENTS

Opaques _____ X
Talc _____ X
Mineral grains _____ X
_____ _____

Binder Description _____

Comments X = Materials detected.

The method detection limit is 1% unless otherwise stated.

TEM Bulk Talc Structure Count Sheet

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	C8-B1							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							
NSD	C1							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	D1							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							
NSD	F1							
NSD	F2							
NSD	F3							
NSD	F4							
NSD	F5							
NSD	F6							
NSD	F7							
NSD	F8							
NSD	F9							
NSD	F10							

TEM Bulk Talc Structure Count Sheet

Str. #	Grid Opening	Structure	Asbestos Type	Length	Width	Ratio	SAED	EDS
NSD	C9-A1							
NSD	A2							
NSD	A3							
NSD	A4							
NSD	A5							
NSD	A6							
NSD	A7							
NSD	A8							
NSD	A9							
NSD	A10							
NSD	B1							
NSD	B2							
NSD	B3							
NSD	B4							
NSD	B5							
NSD	B6							
NSD	B7							
NSD	B8							
NSD	B9							
NSD	B10							
NSD	C2							
NSD	C3							
NSD	C4							
NSD	C5							
NSD	C6							
NSD	C7							
NSD	C8							
NSD	C9							
NSD	C10							
NSD	D2							
NSD	D3							
NSD	D4							
NSD	D5							
NSD	D6							
NSD	D7							
NSD	D8							
NSD	D9							
NSD	D10							
NSD	E1							
NSD	E2							
NSD	E3							
NSD	E4							
NSD	E5							
NSD	E6							
NSD	E7							
NSD	E8							
NSD	E9							
NSD	E10							
NSD	F2							
NSD	F3							

TEM Bulk Talc Structure Count Sheet					
Project/ Sample No.	M69757-004		Grid Box #	8344	No. of Grids Counted
Analyst:	Elyse Stempinski		Length	Width	G. O. Area
Date of Analysis	12/14/2018		105	105	11025
Initial Weight(g)	0.04122		G. O. in microns =	105	11025
Analysis Type	Post Separation Talc Analysis		Grid Acceptance	Yes	Average
Scope No.	Accelerating Voltage	100 KV	Loading%	20%	G.O.s Counted
2	Screen Magnification	20 KX	Area Examined mm ²		
Str. #	Grid Opening	Structure	Asbestos Type	Length	Width
				Ratio	SAED
					EDS

Org. Sample Wt.	Sample Wt. Post HL Separation
0.04122	0.04122 g
Percent of Orig. Post Separation	100 (%)
Wt. Of Sample Analyzed	0.00022598 g
Filter size	201.1 mm ²
Number of Structures Counted	0 Str.
Structures per Gram of Sample	<4425 Str./g

Detection Limit	4.43E+03	Str./g
Analytical Sensitivity	4.43E+03	Str./g